

# SOI & Swansea University 2022 Conference

## Digital Transformation: New Directions for the World Economy, Financial Systems and Business Models

July 6(Wed.) ~ 9(Sat.), Conference Days, 2022

Swansea University(Faraday Building, Singleton Park Campus), Wales, UK & Online(Zoom)

\*July 4(Mon.) ~ 5(Tue.), Open Innovation Academy of SOI 2022 Summer School

Society of Open Innovation: Technology, Market, and Complexity (SOI) & Swansea University 2022

## Invitation

### SOI & Swansea University 2022

**July 6(Wed.) ~ 9(Sat.), Conference Days, 2022, Swansea University, Wales, UK**  
**\*July 4(Mon.) ~ 5(Tue.), SOI Open Innovation Academy 2022 Summer School (Free for SOI 2022 Participants)**  
[www.openinnovationmc.org](http://www.openinnovationmc.org)

**Sponsored by**

### Digital Transformation: New Directions for the World Economy, Financial Systems and Business Models

**Key Deadlines**

\*Proceeding Completing & Printing: June 1st, 2022  
 Late Registration: June 10th, 2022  
 Full Paper Submission: June 10th, 2022

**Keynote Speakers**

|  |   |   |
|--|---|---|
| <p><b>Ulrich WBI (Germany)</b></p> <ul style="list-style-type: none"> <li>Professor of Economics &amp; Director Emeritus, Max Planck Institute of Economics, Jena, Germany</li> <li>Adjunct Professor at Griffith Business School, Griffith University(Australia)</li> <li>Co-Editor of Journal of Economics</li> <li>Presentation Theme: "Innovative Capital Needs Institutional Co-Induction"</li> </ul>   | <p><b>Fred Phillips (USA)</b></p> <ul style="list-style-type: none"> <li>Professor at University of New Mexico, Albuquerque, New Mexico, USA</li> <li>Editor-in-Chief of "Technological Forecasting and Social Change" (TFSC)</li> <li>Visiting Scientist at the Chinese Academy of Sciences in Beijing</li> <li>2017 winner of the Roperford Award</li> <li>Presentation Theme: "Climate Dialog, Climate Action: Can democracy do the job?"</li> </ul> | <p><b>Andreas Pyka (Germany)</b></p> <ul style="list-style-type: none"> <li>Professor, University of Wittenberg, Germany</li> <li>Deputy Head of International Clubhouse Academy(2011-)</li> <li>Visiting Researcher at DGIST at the University of Gyeongsang, Masan, Korea</li> <li>Presentation Theme: "Economic Growth, Structural Change and Transformation: What's important now?"</li> </ul>            |
| <p><b>Philip Cooke (UK)</b></p> <ul style="list-style-type: none"> <li>Professor, Bergen University College, Norway</li> <li>Editor-in-Chief of European Planning Studies(EPS)</li> <li>European Parliament Regional Development Committee, 2019</li> <li>Official Adviser to European Parliament Regional Development Committee Award in 2015</li> <li>Presentation Theme: "The digital divide: From 'Digital Swine Herd' to 'New Green Deal' and SME"</li> </ul>   | <p><b>Bo Yang (UK)</b></p> <ul style="list-style-type: none"> <li>Senior Lecturer at Swansea University, UK</li> <li>Director of Centre for Research in Macroeconomics and Micro-Finance (CRMM), Swansea University</li> <li>Former Lecturer at Loughborough University of Surrey from 2012-15</li> <li>Presentation Theme: "Open Innovation in Time of Crisis"</li> </ul>  | <p><b>Kwangho Jung (Korea)</b></p> <ul style="list-style-type: none"> <li>Open Graduate School of Public Administration of Seoul National University, Korea</li> <li>Professor, Seoul National University, Korea</li> <li>Executive President of Society of Open Innovation: Technology, Market, and Complexity(SOIT) from 2021</li> <li>Presentation Theme: "Innovation, Abandon, and Creativity"</li> </ul> |
| <p><b>Justin Joseph (Korea)</b></p> <ul style="list-style-type: none"> <li>Tenured Principal Researcher, DGIST, Principal Professor at Open Innovation Academy of SOI</li> <li>Visiting Professor at Swansea School of Public Administration of Seoul National University, Korea</li> <li>Deputying President of Society of Open Innovation, Swansea, Wales, UK and DGIST</li> <li>Editor-in-Chief of Journal of Open Innovation: Technology, Market, and Complexity(SOIT)</li> <li>Presentation Theme: "Regulation convergence of AI, Korea and Korea in digital transformation: -the way to growing up new industry with open innovation ecosystem"</li> </ul> | <p><b>Yongwoo Park (Korea)</b></p> <ul style="list-style-type: none"> <li>PhD at the University of New South Wales, Australia</li> <li>Former Professor, Australian National University, Australia</li> <li>Editor-in-Chief of Science, Technology and Society(STS)</li> <li>Presentation Theme: "Can we Build Innovation Systems with Weak Science and Technology System? Some Insights from Successful Cases in Asia"</li> </ul>                      | <p><b>Journal of Open Innovation: Technology, Market, and Complexity(SOIT)</b></p> <ul style="list-style-type: none"> <li>All keynote speakers' presenting papers will be invited to the journal as special issue(s) publications will be supported and funded by SOI</li> </ul>  |

**Special Sessions**

|   |   |   |
|---|---|---|
| <p><b>Special Session 1, Digitalization and regional innovation</b></p> <ul style="list-style-type: none"> <li>Chair: Bo Yang(Swansea University, UK)</li> </ul>  | <p><b>Special Session 2, Open innovation and ecosystem</b></p> <ul style="list-style-type: none"> <li>Chair: Zheng Lu(Cardiff Metropolitan University, UK)</li> </ul>   | <p><b>Special Session 3, Platform innovation</b></p> <ul style="list-style-type: none"> <li>Chair: Lei Ma(Nanjing Univ. of Science and Technology, China)</li> </ul>  |
| <p><b>Special Session 4, Sustainability oriented innovation</b></p> <ul style="list-style-type: none"> <li>Chair: Bo Yang(Swansea University, UK), Zheng Lu(Cardiff Metropolitan University, UK)</li> </ul>   | <p><b>Special Session 5, Digital Transformation with Regulation convergence</b></p> <ul style="list-style-type: none"> <li>Chair: Jinyoung Joseph(Nanyang Technological University, Korea)</li> </ul>   | <p><b>Special Session 6, Digital Transformation in Financial Markets</b></p> <ul style="list-style-type: none"> <li>Chair: Andrei Mikhalev(Federal Reserve Bank of St. Louis, USA)</li> </ul>   |
| <p><b>Special Session 7, Challenges of Digital Transformation in Korea Manufacturing Industry</b></p> <ul style="list-style-type: none"> <li>Chair: Dongseon Oh(Ministry of Trade, Industry and Energy, Office of Strategic R&amp;D Planning, Korea)</li> </ul> | <p><b>Special Session 8, Regional Innovation System</b></p> <ul style="list-style-type: none"> <li>Chair: Yut Sadoh(Mie University, Japan)</li> </ul>   | <p><b>Special Session 9, Innovation &amp; Growth</b></p> <ul style="list-style-type: none"> <li>Chair: Kangwon Lee(Korea Institute for Advanced Study, Korea) &amp; Seung-Ho Jang(Gyeongsang, SOI, Korea)</li> </ul>  |
| <p><b>Special Session 10, Digital Smart and Social Production Design</b></p> <ul style="list-style-type: none"> <li>Chair: Susun Kwon(Kyungpook National University, Korea)</li> </ul>  | <p><b>Special Session 11, Open Innovation and Sustainable System Development in Practices</b></p> <ul style="list-style-type: none"> <li>Chair: Hong Park(Korea University, Korea), Inwon Kim(Kyungpook National University, Korea)</li> </ul>                                | <p><b>Special Session 12, Open Innovation and Business Model in Biorevolution</b></p> <ul style="list-style-type: none"> <li>Chair: Kangwon Lee(Kyungpook National University, Korea)</li> </ul>  |
| <p><b>Special Session 13, Knowledge Discovery for Emerging Economies</b></p> <ul style="list-style-type: none"> <li>Chair: Nadezhda Lukanova(Technical University, Ljubljana &amp; Marjanov Ljubljana Technical University, Ljubljana)</li> </ul>               | <p><b>Special Session 14, Green Governance: Code and Evaluation</b></p> <ul style="list-style-type: none"> <li>Chair: Wook Lee(Liaoning University &amp; Tsinghua University of Finance and Economics, China)</li> </ul>  | <p><b>Special Session 15, Quality of life in the context of Marketing Open innovation with Sustainable vision</b></p> <ul style="list-style-type: none"> <li>Chair: Seung Eunghwan(Baekje Center for Great St. Petersburg Polytechnic University, Russia)</li> </ul>          |
| <p><b>Special Session 16, Innovation Ecosystem and Governance Mechanism in the Digital Era</b></p> <ul style="list-style-type: none"> <li>Chair: Joo-Ho Kim(Kyungpook National University, Korea)</li> </ul>  | <p><b>Special Session 17, Open Innovation and Sustainable System Development in Practices</b></p> <ul style="list-style-type: none"> <li>Chair: Hong Park(Korea University, Korea), Inwon Kim(Kyungpook National University, Korea)</li> </ul>                                | <p><b>Special Session 16, Innovation Policy and Regulation of Digital Transformation</b></p> <ul style="list-style-type: none"> <li>Chair: Han Zhongsheng(Hong Kong University of Science &amp; Technology, China)</li> </ul>   |
| <p><b>Special Session 18, Innovation and Digital Transformation in Emerging Economies</b></p> <ul style="list-style-type: none"> <li>Chair: Elina Oksanen &amp; Ryoji Lapo(Piiga Technical University)</li> </ul>   | <p><b>Special Session 19, Innovation in the new era: The role of artificial intelligence</b></p> <ul style="list-style-type: none"> <li>Chair: Ilho Park(Korea University, Korea), Inwon Kim(Kyungpook National University, Korea)</li> </ul>                                 | <p><b>Special Session 20, Digital Transformation and Smart Governance in the Context of Big Data (I)</b></p> <ul style="list-style-type: none"> <li>Chair: Wook Lee(Liaoning University, China), UCC Nanyang Technological University, Ljubljana, Slovenia, Ohio</li> </ul>   |
| <p><b>Special Session 20, Social Welfare, Innovation Law, Disability, and Pro-environmental Behaviors</b></p> <ul style="list-style-type: none"> <li>Chair: Joo-Ho Kim(Kyungpook National University, Korea)</li> </ul>   | <p><b>Special Session 21, Digital Transformation and Smart Governance in the Context of Big Data (II)</b></p> <ul style="list-style-type: none"> <li>Chair: Wook Lee(Liaoning University, China), UCC Nanyang Technological University, Ljubljana, Slovenia, Ohio</li> </ul>  | <p><b>Special Session 21, Digital Transformation and Smart Governance in the Context of Big Data (II)</b></p> <ul style="list-style-type: none"> <li>Chair: Wook Lee(Liaoning University, China), UCC Nanyang Technological University, Ljubljana, Slovenia, Ohio</li> </ul>  |
| <p><b>Special Session 22, Social Welfare, Innovation Law, Disability, and Pro-environmental Behaviors</b></p> <ul style="list-style-type: none"> <li>Chair: Joo-Ho Kim(Kyungpook National University, Korea)</li> </ul>   | <p><b>Special Session 22, Digital Transformation and Smart Governance in the Context of Big Data (III)</b></p> <ul style="list-style-type: none"> <li>Chair: Wook Lee(Liaoning University, China), UCC Nanyang Technological University, Ljubljana, Slovenia, Ohio</li> </ul> | <p><b>Special Session 22, Digital Transformation and Smart Governance in the Context of Big Data (III)</b></p> <ul style="list-style-type: none"> <li>Chair: Wook Lee(Liaoning University, China), UCC Nanyang Technological University, Ljubljana, Slovenia, Ohio</li> </ul> |
| <p><b>Special Session 23, Digital Transformation and Smart Governance in the Context of Big Data (I)</b></p> <ul style="list-style-type: none"> <li>Chair: Ilho Park(Korea University, Korea), Inwon Kim(Kyungpook National University, Korea)</li> </ul>       | <p><b>Special Session 23, Digital Transformation and Smart Governance in the Context of Big Data (I)</b></p> <ul style="list-style-type: none"> <li>Chair: Ilho Park(Korea University, Korea), Inwon Kim(Kyungpook National University, Korea)</li> </ul>                     | <p><b>Special Session 23, Digital Transformation and Smart Governance in the Context of Big Data (I)</b></p> <ul style="list-style-type: none"> <li>Chair: Ilho Park(Korea University, Korea), Inwon Kim(Kyungpook National University, Korea)</li> </ul>                     |
| <p><b>Special Session 24, New Directions for Corporate Finance and Innovation</b></p> <ul style="list-style-type: none"> <li>Chair: Elina Oksanen(Kyungpook National University, UK)</li> </ul>   | <p><b>Special Session 24, Digital Transformation and Smart Governance in the Context of Big Data (II)</b></p> <ul style="list-style-type: none"> <li>Chair: Wook Lee(Liaoning University, China), UCC Nanyang Technological University, Ljubljana, Slovenia, Ohio</li> </ul>  | <p><b>Special Session 24, Digital Transformation and Smart Governance in the Context of Big Data (II)</b></p> <ul style="list-style-type: none"> <li>Chair: Wook Lee(Liaoning University, China), UCC Nanyang Technological University, Ljubljana, Slovenia, Ohio</li> </ul>  |

**General Sessions**

**Open innovation Academy 2022 Summer School**

**Special Issue Journals**

|  |   |  |
|--|---|--|
| <p><b>Journal of Open Innovation: Technology, Market, and Complexity(SOIT)</b></p> <ul style="list-style-type: none"> <li>Editor-in-Chief: Jinyoung Joseph (jy.joseph@dgist.ac.kr)</li> <li>Managing Guest Editor: Jinyoung Joseph (jy.joseph@dgist.ac.kr)</li> <li>Keynote speakers' papers will be invited to the journal</li> </ul> | <p><b>International Journal of Environmental Research &amp; Public Health(IJERPH &amp; SJCE)</b></p> <ul style="list-style-type: none"> <li>Editor-in-Chief: Paul B. Tchounikou(p.tchounikou@burns.ac.uk)</li> <li>Managing Guest Editor: Jinyoung Joseph (jy.joseph@dgist.ac.kr)</li> <li>Extension of IJERPH 2021 Special Issue, deadline: December 31th, 2022</li> </ul> | <p><b>For more information, please contact:</b></p> <ul style="list-style-type: none"> <li>Hosting Chair: Prof. Bo Yang(Swansea University, UK)</li> <li>Contact: bo.yang@swansea.ac.uk, +44 (0) 1792 265601</li> <li>Managing Office: Dr. Zhong Lu(Cardiff Metropolitan University, UK), Z.Lu@cmfmet.ac.uk</li> <li>Address: Department of Economics, School of Social Sciences, Swansea University, Bay Campus, Fabian Way, Crymlyn Burrows, Swansea, SA1 8BN, Wales, UK</li> <li>Organization Chair: Prof. Dr. Jinyoung Joseph (jy.joseph@dgist.ac.kr)</li> <li>Editor-in-Chief of SOI, Tenured Principal Researcher, DGIST, Korea</li> <li>Contact: jy.joseph@dgist.ac.kr</li> <li>+82-53-785-4410, mobile: +82-10-6567-4355</li> <li>Organizing Office-SOI Secretariat: Dr. JIAOFEI ZHANG (Professor of SOI Open Innovation Academy, Senior Researcher of DGIST, Korea) Contact: openinnovationmc@dgist.ac.kr, +82-53-785-4414, mobile: +82-10-4072-8585</li> <li>Address: 333 Techno, Jungang-daero, Hyeonpung myeon, Dalseong-gun, Daegu, 42888, Korea</li> </ul> |
|--|---|--|

- **Organized by Society of Open Innovation: Technology, Market, and Complexity (SOI)**

- **Hosted by Swansea University, Wales, UK**

- **Sponsored by**



Swansea University  
Prifysgol Abertawe



- **July 6(Wed.) ~ 9(Sat.), Conference Days, 2022, Swansea University(Faraday Building, Singleton Park Campus), Wales, UK & Online(Zoom)**

- \* July 4(Mon.) ~ 5(Tue.), Open Innovation Academy of SOI 2022 Summer School



Swansea  
University  
Prifysgol  
Abertawe



Society of  
Open Innovation  
Technology, Market & Complexity



**PROGRAMME OF**  
**SOI & Swansea University**  
**2022 Conference**

**Digital Transformation: New Directions for the World  
Economy, Financial Systems and Business Models**

July 6(Wed.) ~ 9(Sat.), Conference Days, 2022

Swansea University(Faraday Building, Singleton Park Campus), Wales, UK &  
Online(Zoom)

\*July 4(Mon.) ~ 5(Tue.), Open Innovation Academy of SOI 2022 Summer School

[www.openinnovationtmc.org](http://www.openinnovationtmc.org)

Society of Open Innovation: Technology, Market, and Complexity  
(SOI) & Swansea University 2022

## TABLE OF CONTENTS

### ► Greetings

- Welcoming Speech by the Organizing President of SOI - **Prof. Dr. JinHyo Joseph Yun**
- Welcoming Speech by the Executive President of SOI - **Prof. KwangHo Jung**
- Welcoming Speech by the Swansea University Hosting Chair - **Dr. Bo Yang**
- Congratulatory Speech by the Head of the School of Social Sciences, Swansea University - **Prof. Ryan Murphy**

### ► Offline(On-site conference rooms) & Online(Zoom links) Introduction ..... 13

### ► Program

- **Program Schedule** ..... 22~45
- **July 04 (Monday) ~ July 05(Tuesday)** ..... 22
  - Open Innovation Academy of SOI 2022 Summer School Programme(09:00~17:00)
    - \*Contact: Principal Professor JinHyo Joseph Yun; +82-10-6697-8355, [jhyun@dgist.ac.kr](mailto:jhyun@dgist.ac.kr)
    - Or Assistant Professor Xiaofei Zhao; +82-10-4072-8595, [qiaoke@dgist.ac.kr](mailto:qiaoke@dgist.ac.kr)
    - \*All Lecture Materials could be downloaded through  
[http://openinnovation-tmc.org/HOME/soitmc/sub/sub.htm?nav\\_code=soi1645765607](http://openinnovation-tmc.org/HOME/soitmc/sub/sub.htm?nav_code=soi1645765607)
- **July 06 (Wednesday)** ..... 23
  - Industry Visiting “Penderyn distillery whisky factory”(08:00~13:00)
    - \* Pontpren, Pontbren Llwyd, Aberdare CF44 0SX, Wales, UK, +44 +441685810650
    - \* Lunch Box will be provided(11:00~12:00)
  - Welcome Reception + Preliminary Registration(13:00~14:00)
  - Presentation (4 Sessions, 14:00~15:30)
  - Keynote Speech (16:00~17:00)
    - ◆ Prof. Philip Cooke (UK) (16:00~16:30)
    - ◆ Prof. KwangHo Jung (Korea) (16:30~17:00)
  - Invited VIP Dinner by the organizing president of SOI(17:30~)  
Venue: “Hanson at The Chelsea”
    - \*Address: 17 St. Mary Street, Swansea, SA1 3LH, Wales, UK; +44 01792 464 068
    - \*Because of the limited seats, we will contact the invited VIPs separately.

• **July 07 (Thursday)** ..... 28

- Registration (08:00~09:00)
- Presentation (4 Sessions, 09:00~10:30)
- Opening Ceremony & Keynote Speech (11:00~13:00)

**Opening Ceremony**

- ◆ Welcoming Speech by the Organizing President of SOI-**Prof. Dr. JinHyo Joseph Yun** (11:00~11:05)
- ◆ Welcoming Speech by the Executive President of SOI-**Prof. KwangHo Jung** (11:05~11:10)
- ◆ Welcoming Speech by the Swansea University Hosting Chair-**Dr. Bo Yang** (11:10~11:15)
- ◆ Congratulatory by the Head of the School of Social Sciences, Swansea University-**Prof. Ryan Murphy** (11:15~11:20)

**Keynote Speech**

- ◆ Prof. Dr. JinHyo Joseph Yun (Korea) (11:30~12:00)
- ◆ Prof. Fred Phillips (USA) (12:00~12:30)
- ◆ Prof. Andreas Pyka (Germany) (12:30~13:00)
- Lunch will be provided in Faraday 001 (13:00~15:30)
- Presentation (4 Sessions, 15:30 ~ 17:00)

• **July 08(Friday)** ..... 33

- Registration (08:00~09:00)
- Presentation (4 Sessions, 09:00~10:30)
- Keynote Speech (11:00~12:30)
  - ◆ Prof. Ulrich Witt (Germany) (11:00~11:30)
  - ◆ Prof. Venni V Krishna (India) (11:30~12:00)[Online]
  - ◆ Dr. Bo Yang (UK) (12:00~12:30)
- Lunch will be provided in Faraday 001 (12:30~13:30)
- Presentation (4 Sessions, 13:30 ~ 15:00)
- SOI 2022 Award Committee Meeting(only for 6 committee members) (15:00~15:30)
- General Meeting of SOI (15:30~17:00)
  - ◆ Best Paper(Best Paper/Outstanding Paper) Award Ceremony
  - ◆ Appreciation Plaque(for SOI 2022 Organizing President, Hosting Chair, Vice-hosting Chair, and special appreciation for prof. Natalja Lace) Ceremony
  - ◆ Important Decision Issues(SOI 2023, SOI 2024 & SOI 2025 planning, new honorable advisory members and board members inviting)
  - ◆ Notice of Hosting SOI & Department of Economics, Management, Institutions (DEMI) of the University Federico II of Naples(UNINA) 2023 Conference by **Prof. Valentina Della Corte**
    - \*July 12(Wed.) ~ 15(Sat.), Conference Days, 2023, University Federico II of Naples, Naples, Italy
    - \*July 10~11, Open Innovation Academy of SOI 2023 Summer School Lecture Days;

- 
- Gala-Free & Inviting Dinner “Grape & Olive(27th floor with panoramic view over Swansea Bay)” (18:00~)
  - \* Address: The Tower, Trawler Rd, Maritime Quarter, Swansea SA1 1JW, UK; +44 1792 462617
  - \* Inviting dinner is for thanks to the contribution of all special session chairs + contributors for organizing special sessions, general sessions and participants(in advance booked for 50 seats & more possible).

• **July 09 (Saturday)** ..... 40

- Poster Session, Common Evaluation & Award Ceremony(09:00~11:00)

**\*All posters can be posted at the allocated conference rooms from July 6th, 2022.**

- Cultural Tour “Tenby”(11:00 ~ 17:00)

\*Lunch Box will be provided(11:00~12:00)

|  |    |
|--|----|
| ► <b>Appendix</b> .....  | 72 |
| • Appendix 1. Hotel Information(including address, contact, webpage) .....                                 | 72 |
| • Appendix 2. Conference Venue Map with Address .....  | 73 |
| - Each room organizer list including   |    |
| • Appendix 3. Transportations to Main Conference Venue .....   | 79 |
| - By airport(from Heathrow Airport, Gatwick Airport & Cardiff International Airport) →<br>Conference Venue |    |
| - From The Marriott Swansea → Conference Venue   |    |
| - By train(from London(Paddington)) → Conference Venue   |    |
| - By bus(from city centre to Singleton Park Campus Shuttle Bus)<br>→ Conference Venue                      |    |
| - By Road → Conference Venue   |    |
| - Bus for conference(industry tour, gala-free&inviting dinner, cultural tour)                              |    |
| • Appendix 4. SOI& Swansea University 2022 Conference Poster .....   | 86 |
| • Appendix 5. SOI 2022 Conference Participants' Institutions Logo Collection .....                         | 87 |
| • Appendix 6. Special Issue Journals List .....  | 88 |
| • Appendix 7. Designated Issue Journals List .....   | 89 |
| • Appendix 8. Journal of Open Innovation: Technology, Market, and Complexity(SOI Associated Journal) ..... | 90 |
| • Appendix 9. Open Innovation Academy of SOI 2022 Summer School .....                                      | 91 |
| • Appendix 10. SOI 2022 Institutional Members List .....   | 92 |
| • Appendix 11. Wifi-Guide .....  | 94 |

# Welcoming Speech by the Organizing President of SOI

**-Prof. Dr. JinHyo Joseph Yun**

Dear my honor professors and SOI 2022 keynote speakers, and SOI members.

Thank you for your joining at SOI 2022 conference. Welcome, Welcome, and Welcome.

We are all here to present, discuss, and exchange our own creative ideas on “Digital Transformation; New Direction for the World Economy, Financial Systems, and Business Models”.

Honor Professor Philip Cooke, Ulrich Witt, Fred Phillips, Venni Krishna, Andreas Pyka, Yang, Bo, Kwangho Jung, and my long-time professors, researchers, and colleagues, we are here at Swansea university in Wales, UK after two years of online conferences including SOI & Riga Technical University 2021, and SOI & Oklahoma State University 2020. We Congratulate to ourselves for our coming back to the SOI offline conference again.

Thanks a lot, to the hosting chair, Professor Yang Bo, and all friends from university of Swansea colleagues for hosting, preparing, and joining at this fantastic conference. And, I appreciate to Professor Zheng Liu, the professor of Cardiff Metropolitan University for connecting the organizing team of DGIST, and hosting team of Swansea University for last nearly 2 years.

Nearly 160 papers from more than 110 universities or research institutes in about 18 countries will be presented at SOI 2022. Thanks to all presenters and discussers at SOI 2022 especially for your originatic ideas which could contribute to prepare the new directions in Digital Transformation.

T.S. Eliot singed as follows in his poem “Four Quarters”.

*In other to arrive at what you do not know*

*You must go by a way which is the way of ignorance. (Among “Four Quartets” by T.S. Eliot)*

We must take a road which is ‘grassy and wanted wear (Among “The Road not Take” by Robert Frost) to arrive a new economy with digital transformation.

Fortunately, we had a chance to faintly see the world which will be come true after digital transformation last 2 years during the Pandemic.

Let us cross the river of ignorance which is from digital transformation with the beacon lamp by SOI conference.



Let us enjoy right now the moment in SOI 2022 about fantastic keynote speeches, creative papers & business model presentations, and 2 days SOI 2022 summer school lectures, the well-prepared industrial tour & culture tour, and Gala-free & Inviting Dinner in addition to the beautiful nature of Swansea, and the fresh air from the Atlantic.

*Time present and time past*

*Are both perhaps present in time future* (Among “four Quarters” by T.S. Eliot) with SOI.

July 7<sup>th</sup>, 2022



**Prof. Dr. JinHyo Joseph Yun**

Organizing President of SOI 2022, Visiting professor of SNU, and Tenured principal research of  
DGIST

[jhyun@snu.ac.kr](mailto:jhyun@snu.ac.kr) [jhyun@dgist.ac.kr](mailto:jhyun@dgist.ac.kr), +821066978355

## Welcoming Speech by the Executive President of SOI

- Prof. KwangHo Jung

The global society has struggled with the COVID-19 pandemic and global insecurity. The profound impact of the pandemic and the Ukraine-Russia war have been destroying and reorganizing the current global market ecosystem. However, despite these uncertain circumstances, many members of the SOI (Society of Open Innovation) have been participating in this year's SOI international conference co-hosted with Swansea University. The SOI welcomes your enthusiastic participation and critical and creative perspectives on the 2022 SOI conference. I believe that your outstanding presentations and discussions will significantly contribute to exploring emerging theoretical models of the future global innovation ecosystem.

The social pandemic catastrophe and the Russian invasion of Ukraine are simultaneously sparking a poignant debate about ending globalization, involving emerging dark sides from dismantling the global supply chain and destroying the freedom-based prosperity ecosystem. The significant challenges of creating sustainable innovation markets and restoring free market-based global political economy norms face policymakers and researchers worldwide. Climate change, global inequality, and democracy remain significant challenges for global communities, businesses, and states, even after the COVID-19 pandemic and Russia's devastating war in Ukraine. Even under the massive pandemic and unstable global security, human innovation has been attracting attention again as a source of human prosperity. As we know, global free markets and innovative ecosystems are the sources of human prosperity involving numerous historical innovation ideas. Now, the SOI members are to find the next innovation paradigm beyond Silicon Valley for a new sustainable innovation ecosystem.

This year's SOI international conference will discuss and reflect emerging global innovation trends from various interdisciplinary perspectives. The powerful concepts of open innovation, sustainable community innovation, and solidarity-based innovation that the SOI has emphasized still deserve attention in the current turbulent global ecosystem. The 2022 SOI seeks to present novel ideas and perspectives to criticize and redefine the conventional principles of open, social, and digital innovation. Beyond the dominant utilitarian-based rational model, the SOI should design and present pioneering visions and smart policy instruments to promote sustainable development through altruistic-based strategies with human solidarity and collective intelligence. I believe that SOI members will enthusiastically discuss current global challenges from the diverse perspectives of public policy, covering social design and engineering, political economy, business management, and regional innovation perspectives. Finally, I would like to express my deepest gratitude for all participants' academic enthusiasm and dedication.

**Kwangho Jung**  
Executive President of the 2022 SOI Conference  
Dean, Graduate School of Public Administration of  
Seoul National University, Korea



## Welcoming Speech by the Swansea University Hosting Chair

- Dr. Bo Yang

Dear Delegates and Guests,

On behalf of the Society of Open Innovation (SOI) and Swansea University 2022 Conference Organising Committee, I am delighted to welcome you to Swansea University and to the SOI Conference 2022.

This year, the theme is digital transformation and its recent applications. Digitalisation is an emerging trend shaping our new future and the world economy. Accelerating digital transformation with many organisations working on transforming businesses into digitally enabled platforms will have a profound impact on geopolitical and economic trends worldwide affecting trade, services, and business models. With the COVID-19 pandemic bringing disruptions over the last two years, digitalisation has become more important than ever, not only as an approach to problem solving in response to the crisis, but also a driver and enabler of technological innovation.

Indeed, increasing evidence suggests the rise in popularity of digital technologies but there is a lack of robust evidence beyond the research considering how they provide the positive impact in financial systems, business sectors, our organisations, and our society. How does digital innovation translate in higher capital accumulation or productivity growth? Why do not all countries and sectors take advantage of this?

There is a clearly identified need for robust evidence which can address gaps in the existing knowledge base. This conference seeks to understand what practices are most effective and why, as well as exploring the characteristics of economic systems that best support adoption of digital advancements. The conference is part of a dynamic research area for significant contributions in addressing the post-crisis growth challenges when there is a global shift to a green economy in the face of high economic uncertainty. The aim of the conference is to use our quantitative and qualitative research to engage with the policy debate on how policy, alongside new regulations, should be designed to support financial stability and economic growth in the post-crisis world.

With the focus of the research being inter-disciplinary between economics and business in nature, I hope that the 2022 conference will provide a common platform for a fruitful exchange of knowledge and ideas for future collaborations. I very much look forward to the engaging and interesting discussions.

**Dr Bo Yang**

Director of CReMMF  
Department of Economics  
School of Social Sciences  
Swansea University



## **Congratulatory Speech Speech by the Head of the School of Social Sciences, Swansea University**

**-Prof. Ryan Murphy**

Dear Conference Delegates and Guests,

I am delighted to welcome you, on behalf of Swansea University and the School of Social Sciences, to the SOI Conference 2022. It is wonderful to see this prestigious conference come to Wales and it is a particular privilege to welcome the conference back to an 'in person' format. The global pandemic has brought with it many challenges, including the sacrifice of our individual freedoms for the collective good. As well as the personal and professional challenges that we have all confronted, we have also learned a great deal about how we can use technology to remain connected and engaged with the wider world. For many this will be the first 'in person' conference for more than 2 years and I very much hope that you enjoy the unique opportunities that this brings.

Recent years have seen a rapid pace of globalisation of financial markets, much fuelled by technological innovations. A severe shock like COVID-19 has raised significant challenges and highlighted the urgent research need for policy intervention/regulation and effective governance that serves both in crisis and recovery times. The Conference forms a dynamic research area for significant contributions in addressing the post-crisis growth challenges for the world economy when there is a global shift to digitalisation in the face of high economic uncertainty. The crisis has pushed ever more academics and practitioners worldwide to rethink their global strategies by further engaging with business sectors, technology providers, NGOs, government bodies, and society, altogether forming a worldwide innovation ecosystem. As with the financial crisis before it, COVID-19 has already acted as a catalyst for change within very many sectors of the economy. The Conference promises to promote innovative solutions to thorny issues presented by COVID-19 and its lasting impression on society.

Swansea University is well-placed to host this conference as we are pursuing a strategic plan to develop our reputation as a research-hub with increasing engagement with policy and practice at regional, national and international levels. Swansea prides itself on its applied approach to research and has focus on shaping solutions to global challenges. The Conference has the potential to have a significant academic impact by contributing to the construction of improved business models, which are better aligned with the available data and hence can inform better policy-based discussion.


I very much look forward to welcoming you to our University Campus and hope that, amidst the engaging and interesting discussions, you find time to explore the beautiful Welsh coastlines and mountains.

With warmest welcomes,  
Ryan Murphy  
Professor and Head of the School of Social Sciences




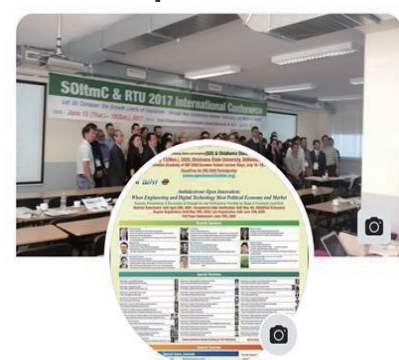
## Offline(On-site conference rooms) & Online(Zoom links) Introduction

### -Keynote Speech



| Contents       | Onsite Room             | Online Room      |   |
|----------------|-------------------------|------------------|---|
| Keynote Speech | Faraday Lecture Theatre | Keynote Speakers | <p>Zoom link: <a href="https://swanseauniversity.zoom.us/j/96751922599?pwd=K2hxTzUyeXB0YUIPR0JYRTI2VUFmZz09">https://swanseauniversity.zoom.us/j/96751922599?pwd=K2hxTzUyeXB0YUIPR0JYRTI2VUFmZz09</a><br/>                     Meeting ID: 967 5192 2599<br/>                     Passcode: 843211</p>  |
|                |                         | Audience         | <p>Facebook Live: Open Innovation-first<br/>                     Method: [Friends Search → "Open Innovation-first" → Select the search result with the name of "Open Innovation-first" → add friend → visiting the live videos]</p>  <p><b>Open Innovation-first</b></p> |

## Offline(On-site conference rooms) & Online(Zoom links) Introduction

### -Session Presenters

| Contents                               | Onsite Room             | Online Room   |   |
|--|-------------------------|---|---|
|  |                         | Presenters(Zoom Meeting)  | Audience(Facebook Live)   |
| Special & General Session Presentation | Faraday Lecture Theatre | <p>Zoom link:<br/> <a href="https://swanseauniversity.zoom.us/j/96751922599?pwd=K2hxTzUyeXB0YUIPR0JYRTI2VUFmZz09">https://swanseauniversity.zoom.us/j/96751922599?pwd=K2hxTzUyeXB0YUIPR0JYRTI2VUFmZz09</a><br/>                     Meeting ID: 967 5192 2599<br/>                     Passcode: 843211</p> | <p>Facebook Live: Open Innovation-first<br/>                     Method: [Friends Search → "Open Innovation-first" → Select the search result with the name of "Open Innovation-first" → add friend → visiting the live videos]</p>  <p><b>Open Innovation-first</b></p> |
|  | Faraday Room B          | <p>Zoom link:<br/> <a href="https://swanseauniversity.zoom.us/j/92718501281?pwd=Dh5NGcvYjA4SFp3WWRPak5wamsrQT09">https://swanseauniversity.zoom.us/j/92718501281?pwd=Dh5NGcvYjA4SFp3WWRPak5wamsrQT09</a><br/>                     Meeting ID: 927 1850 1281<br/>                     Passcode: 160550</p>   | <p>Facebook Live: Open Innovation-b<br/>                     Method: [Friends Search → "Open Innovation-b" → Select the search result with the name of "Open Innovation-b" → add friend → visiting the live videos]</p>  <p><b>Open Innovation-b</b></p>                |

## -Session Presenters(Continued)

| Contents                               | Onsite Room    | Online Room   |   |
|--|----------------|---|---|
|  |                | Presenters(Zoom Meeting)  | Audience(Facebook Live)   |
| Special & General Session Presentation | Faraday Room C | <p>Zoom link:<br/> <a href="https://swanseauniversity.zoom.us/j/99179549674?pwd=dkgxdTUrkZlsWTFVOEtrcG9qaDI2Zz09">https://swanseauniversity.zoom.us/j/99179549674?pwd=dkgxdTUrkZlsWTFVOEtrcG9qaDI2Zz09</a><br/>                     Meeting ID: 991 7954 9674<br/>                     Passcode: 702653</p> | <p>Facebook Live: Open Innovation-third<br/>                     Method: [Friends Search → "Open Innovation-third" → Select the search result with the name of "Open Innovation-third" → add friend → visiting the live videos]</p>  <p><b>Open Innovation-third</b></p> |
|  | Faraday Room D | <p>Zoom link:<br/> <a href="https://swanseauniversity.zoom.us/j/98797044207?pwd=azh1L0hubG1temMyZzM1d3RwT0FIZz09">https://swanseauniversity.zoom.us/j/98797044207?pwd=azh1L0hubG1temMyZzM1d3RwT0FIZz09</a><br/>                     Meeting ID: 987 9704 4207<br/>                     Passcode: 740094</p> | <p>Facebook Live: Open Innovation-d<br/>                     Method: [Friends Search → "Open Innovation-d" → Select the search result with the name of "Open Innovation-d" → add friend → visiting the live videos]</p>  <p><b>Open Innovation-d</b></p>                |

## \*Important Instructions for Using Zoom

1. Please download zoom app(<https://zoom.us/download>) and register as a member.

\* It's free. Otherwise, it might limit your video chatting and other rights.

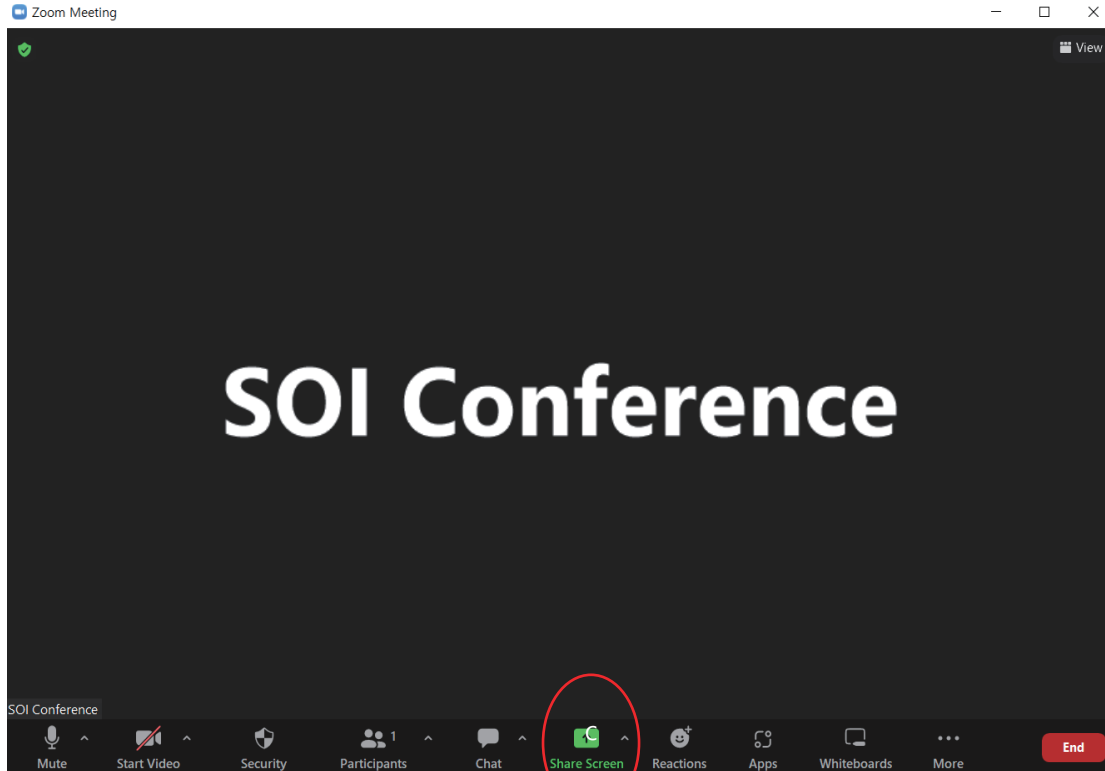
2. When a presenter is presenting, **all other joiners** should mute their audios. Method is like the following:

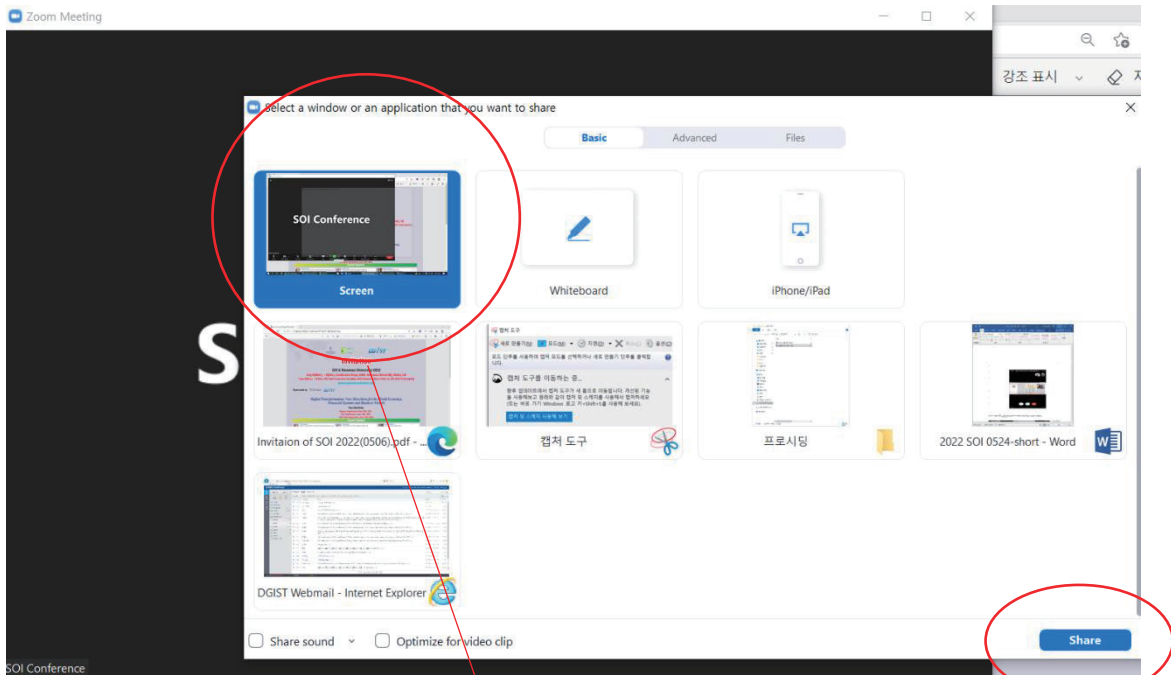


Mute the Audio



3. Method for Presenters to show the PPT with others

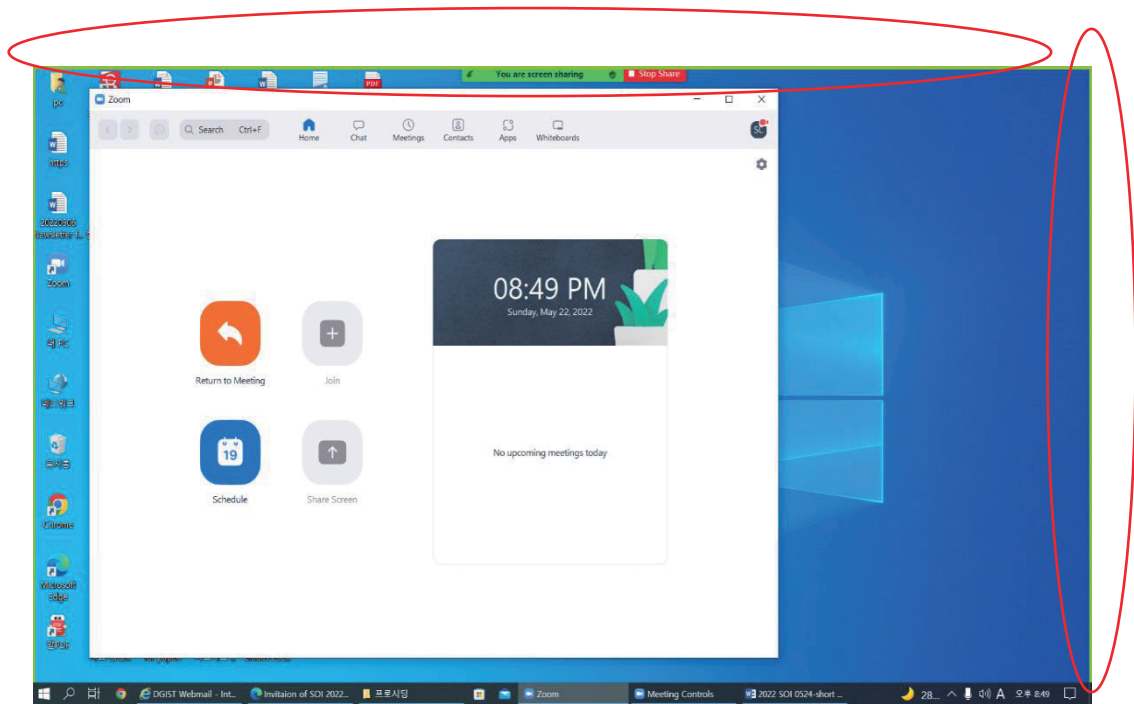




\*When ask you to "Select a window or an application that you want to share", please just select the "Screen". And then press the "Share" button.

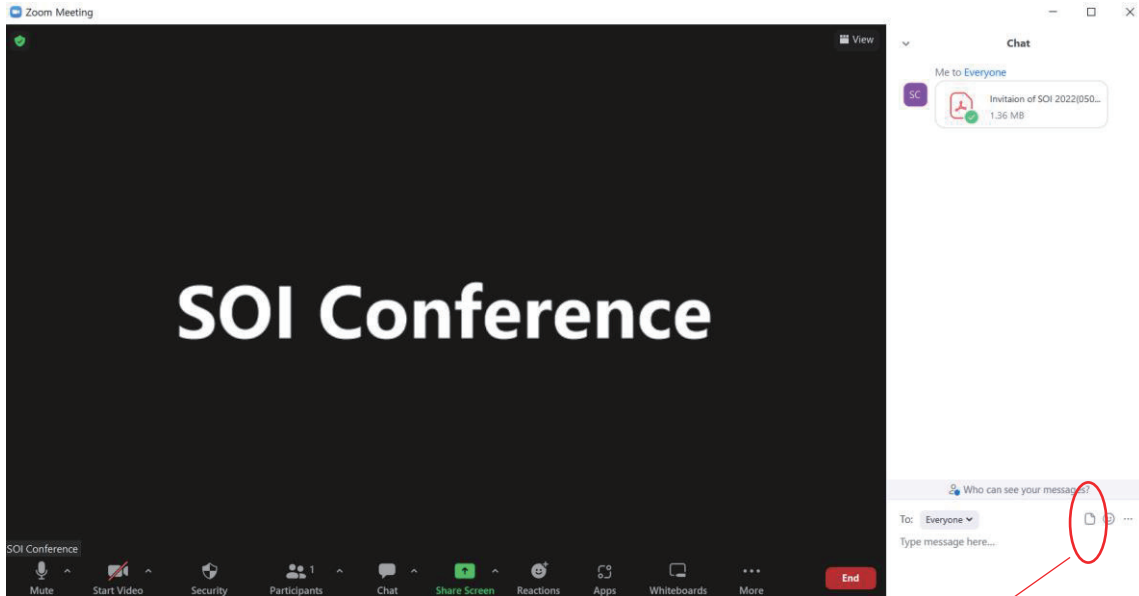
\* Otherwise, it might limit your slides show(stop showing) to others.



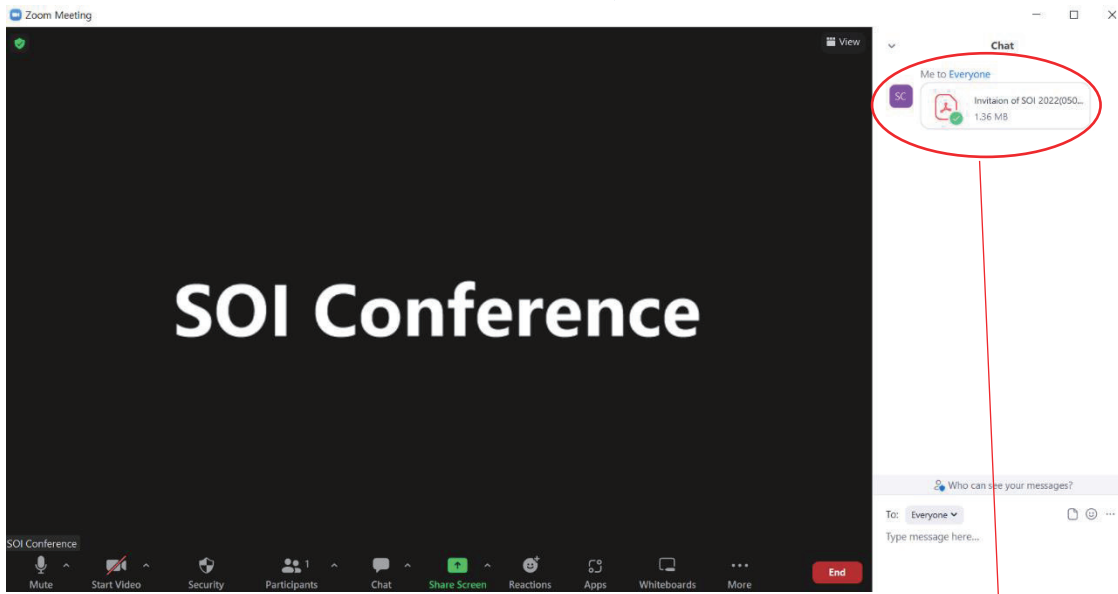


\*When there is a green color window frame, it means you are sharing your screen.

4. Presenters PPT upload(Available for others to download and check)

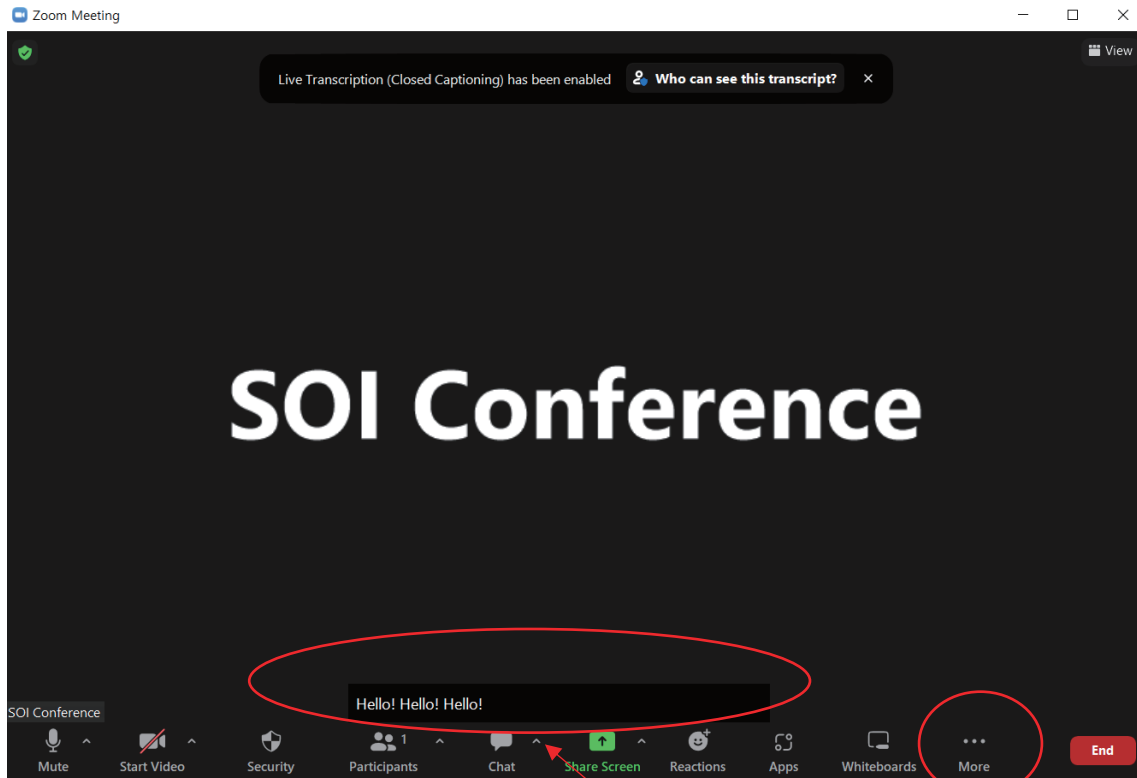


Press here and select the file





File Uploaded


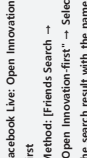

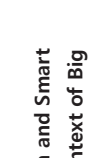
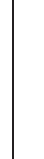
5. Additional Function: Live Transcript



Press here and select  
"Live Transcript", and  
then you can see the  
the presenter's words  
in text here.


|  |                        |  |
|--|------------------------|--|
| <p>July 04 (Mon.)<br/>~July 05(Tue.)</p> | <p><b>Programs</b></p> | <p><b>*Venue:</b> Faraday Room B, Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK</p> <p><b>Open Innovation Academy of SOI 2022 Summer School</b></p> <p><b>President:</b> Assistant Professor of Open Innovation Academy, Xiaofei Zhao</p> <p><b>*Everyday will check the attendance, full attendants will be awarded "SOI Open Innovation Academy Alumni Certificate" on July 05th, 2022</b></p> <p>•Venue &amp; Address: Faraday Room B, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK</p> <p>*For more schedule details &amp; lecture materials, please check Page 46-51.</p> <p><b>*Contact:</b> Principal Professor JinHy0 Joseph Yun; +82-10-6697-8355, jhyun@dgist.ac.kr<br/>Or Assistant Professor Xiaofei Zhao; +82-10-4072-8595, qiaoke@dgist.ac.kr</p> <p><b>Online Participation: Zoom</b></p> <p><b>Zoom link:</b> <a href="https://swanseauniversity.zoom.us/j/92718501281?pwd=dDh5NGcvYjA4SFp3WWRRPak5wamsrQT09">https://swanseauniversity.zoom.us/j/92718501281?pwd=dDh5NGcvYjA4SFp3WWRRPak5wamsrQT09</a></p> <p><b>Meeting ID:</b> 927 1850 1281<br/><b>Passcode:</b> 160550</p> |
|--|------------------------|--|

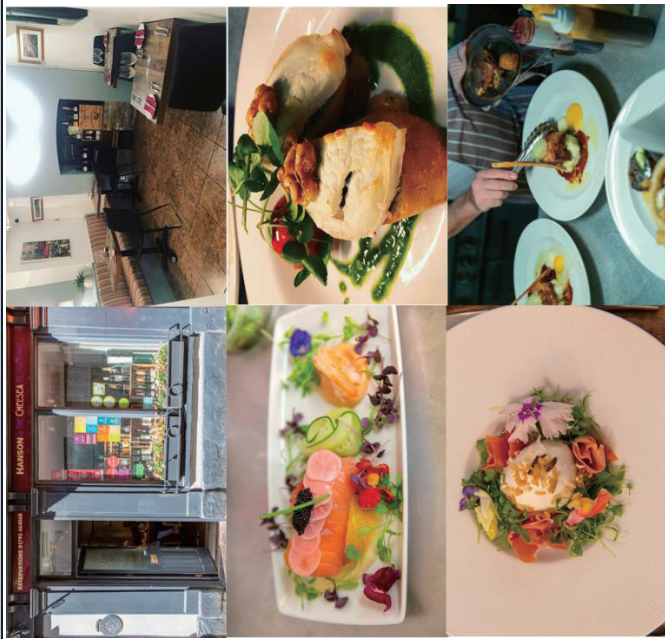
|                    |  |
|--------------------|--|
| 7. 06(Wed.)        | <p><b>Programs</b>      *Venue: Industry Visiting &amp; Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK</p>  |
| <p><b>Time</b></p> | <p>08:00~13:00</p> <p><b>Industry Visiting "Penderyn distillery whisky factory"</b><br/>                 Presiders: Saimi Woo(BISTEP, Korea) &amp; Dilshad Jahan (Swansea University, UK)</p>  <ol style="list-style-type: none"> <li>1. (08:00~)The Marriott Swansea Hotel → (08:30~)Swansea Univ. Singleton Park Campus → Penderyn distillery whisky factory                         <ul style="list-style-type: none"> <li>• Bus waiting until 08:00 in front of The Marriott Swansea Hotel (Maritime Quarter, Swansea SA1 3SS United Kingdom)</li> <li>• Bus waiting until 08:30 at Swansea Univ. Singleton Park Campus (for bus parking lot, please refer to Appendix 3.)</li> </ul> </li> <li>2. •09:30~12:00 Penderyn distillery whisky factory                         <ul style="list-style-type: none"> <li>•Bus departure at 12:00 from the parking lot of Penderyn distillery whisky factory</li> </ul> </li> </ol> <p>*11:00~12:00 Lunch time (Lunch box &amp; water will be provided; *11.5 Pounds of guide and tasting fee in whisky factory would be paid by SOI.)</p> <ol style="list-style-type: none"> <li>3. 12:00~13:00 (Penderyn distillery whisky factory → Swansea Univ. Singleton Park Campus</li> <li>4. Only for the First 50 applicants who had sent the applications can participate in the tour.<br/>                 Contact: <a href="mailto:openinnovationtmc@dgdist.ac.kr">openinnovationtmc@dgdist.ac.kr</a> or Zoom id: <a href="https://gjaeoke@dgdist.ac.kr">gjaeoke@dgdist.ac.kr</a></li> </ol> <p style="text-align: center;"><b>Audience Facebook Live: Open Innovation-b</b></p> <p>Method: [Friends Search → "Open Innovation-b" → Select the search result with the name of "Open Innovation-b" → add friend → visiting the live videos]</p>  <p style="text-align: center;"><b>Open Innovation-b</b></p> |





|             |  |  |   |   |   |  |   |  |
|-------------|--|--|---|---|---|--|---|--|
| 7. 06(Wed.) | <p><b>Programs</b></p> <p><b>*Venue:</b> Industry Visiting &amp; Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK</p> <p>13:00~14:00</p> <p>Welcome Reception + Preliminary Registration</p> <p>* Venue: Faraday 001, Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK<br/>(Coffee and dessert will be provided)</p>  |  |   |   |   |  |   |  |
| 14:00~15:30 | <p><b>Faraday Lecture Theatre</b></p> <p>Online Presenters (Zoom)</p> <p>Zoom link:<br/><a href="https://swanseauniversity.zoom.us/j/96751922599?pwd=K2hxTzUyeXB0YUJPR0JVRTI2VUFmZz09">https://swanseauniversity.zoom.us/j/96751922599?pwd=K2hxTzUyeXB0YUJPR0JVRTI2VUFmZz09</a><br/>Meeting ID:<br/>967 5192 2599<br/>Passcode: 843211</p>   | <p>Online Audience (Facebook Live)</p> <p>Facebook Live: Open Innovation-first<br/>Method: [Friends Search → "Open Innovation-first" → Select the search result with the name of "Open Innovation-first" → add friend → visiting the live videos]<br/><b>Open Innovation-first</b></p>  | <p><b>Faraday Room B</b></p> <p>Online Presenters (Zoom)</p> <p>Zoom link:<br/><a href="https://swanseauniversity.zoom.us/j/92718501281?pwd=dDh5NGcvYjA4SFp3WWRPak5wamsrQT09">https://swanseauniversity.zoom.us/j/92718501281?pwd=dDh5NGcvYjA4SFp3WWRPak5wamsrQT09</a><br/>Meeting ID:<br/>927 1850 1281<br/>Passcode: 160550</p> | <p>Online Audience (Facebook Live)</p> <p>Facebook Live: Open Innovation-b<br/>Method: [Friends Search → "Open Innovation-b" → Select the search result with the name of "Open Innovation-b" → add friend → visiting the live videos]<br/><b>Open Innovation-b</b></p>  | <p><b>Faraday Room C</b></p> <p>Online Presenters (Zoom)</p> <p>Zoom link:<br/><a href="https://swanseauniversity.zoom.us/j/99179549674?pwd=dkgxdTUrkzlsWTFVOEtrcG9gaDI2Zz09">https://swanseauniversity.zoom.us/j/99179549674?pwd=dkgxdTUrkzlsWTFVOEtrcG9gaDI2Zz09</a><br/>Meeting ID:<br/>991 7954 9674<br/>Passcode: 702653</p> | <p>Online Audience (Facebook Live)</p> <p>Facebook Live: Open Innovation-third<br/>Method: [Friends Search → "Open Innovation-third" → Select the search result with the name of "Open Innovation-third" → add friend → visiting the live videos]<br/><b>Open Innovation-third</b></p>  | <p><b>Faraday Room D</b></p> <p>Online Presenters (Zoom)</p> <p>Zoom link:<br/><a href="https://swanseauniversity.zoom.us/j/98797044207?pwd=azhILOhubG1temMyZzM1d3RwT0FIZz09">https://swanseauniversity.zoom.us/j/98797044207?pwd=azhILOhubG1temMyZzM1d3RwT0FIZz09</a><br/>Meeting ID:<br/>987 9704 4207<br/>Passcode: 740094</p> | <p>Online Audience (Facebook Live)</p> <p>Facebook Live: Open Innovation-d<br/>Method: [Friends Search → "Open Innovation-d" → Select the search result with the name of "Open Innovation-d" → add friend → visiting the live videos]<br/><b>Open Innovation-d</b></p>  |
|             |  | <p>Session<br/>Digital Transformation with Regulation Conversion<br/>Offline Chair: JinHyo Joseph Yun(DGIST, Korea)</p>  | <p>Session<br/>Digital Transformation and Smart Governance in the Context of Big Data(1) &amp; Open Innovation and Business Model in Biomedical Industry</p>  | <p>Session<br/>Digital Transformation and Smart Governance in the Context of Big Data(2)</p>  | <p>Session<br/>Digital Transformation and Smart Governance in the Context of Big Data(6)</p>  |  |   |  |




| 7. 06(Wed.)   | *Venue: Industry Visiting & Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK   |  |   |
|---|---|--|---|
|   | Programs  |  |   |
| <p>Online Chair: WANG Ting(GUIZHOU UNIVERSITY, CHINA)</p> <ul style="list-style-type: none"> <li>Paper 1: "Regulation conversion at telemedicine of UK and Korea in digital transformation; -The way to growing up new industry with open innovation dynamics" by <b>JinHyo Joseph Yun*</b>, <b>Xiaofei Zhao</b>, <b>Yang Bo</b>, <b>Zheng Liu</b></li> <li>(Online)Paper 2: "The Effects of Regional Eco-economic Coordinated Development on Population Mobility" by <b>Sitong Zhang</b></li> <li>(Online)Paper 3: "Study on the differences of industrial development strategies in regional innovatin ecosystem under niche theory" by <b>Baoqing Zhu</b></li> <li>Paper 4: "A Comparative Study of Digital Government Policies in Denmark and South Korea - Focusing on the analysis of UN and OECD evaluation data -" by <b>Choong-Sik Chung</b>, <b>Hanbyul Choi</b>, <b>Youngmin Cho</b></li> <li>(Online) Paper 5: "Economic Growth And Environmental Pollution: Testing The Kuznets Curve Based On Embodied Carbon" by <b>WANG Ting*</b>, <b>MO Shu</b></li> </ul> <p>Honor Discussor: <b>Philip Cooke</b></p> | <p>Online Chairs: <b>QI Si(GUIZHOU UNIVERSITY, CHINA)</b>, <b>ZHOU Li Li (GUIZHOU UNIVERSITY, CHINA)</b></p> <p>Offline Chair: <b>Kwangsoo Shin(The Catholic University of Korea, Korea)</b></p> <ul style="list-style-type: none"> <li>(Online)Paper 1: "Paths to Develop Urban Digital Economy : A Quadruple Helix Framework" by <b>Chaonan Yi</b>, <b>Lei Ma</b>, <b>Kaitong Liang</b>, <b>Xiaojing Huang</b></li> <li>Paper 2: "When do firms in biotechnology industry purpose open innovation? The perspective of small-medium enterprise" by <b>Changhyeon Song</b>, <b>Kwangsoo Shin*</b></li> <li>Paper 3: "Varieties of Regional Innovation Systems (RIS) around the world and Catch-up by Latecomers" by <b>Jinhee Kim &amp; Keun Lee</b></li> <li>(Online)Paper 4: "Research on tax collection and administration in e-commerce in the context of big data" by <b>ZHOU Li Li</b>, <b>Xinru Peng</b>, <b>Qiong Shi</b>, <b>Mei Wu</b>, <b>Xinran Liu</b></li> <li>Paper 5: "ESG management of Food Firms in Europe and Korea for innovation ecosystem to create future together" by <b>Harry Jeong</b>, <b>Changhyeon Song</b>, <b>Kwangsoo Shin*</b></li> </ul> <p>Honor Discussor: <b>Keun Lee</b></p> | <p>Online Chairs: <b>CUI Hai Yang(GUIZHOU UNIVERSITY, CHINA)</b>, <b>ZHOU Jie (GUIZHOU UNIVERSITY, CHINA)</b></p> <p>Offline Chair: <b>KwangHo Jung(Seoul National University, Korea)</b></p> <ul style="list-style-type: none"> <li>Paper 1: "Exploring the implications of innovation lags from the delays in change inherent in organizational, institutional, and cultural changes" by <b>Kwangho Jung</b></li> <li>(Online)Paper 2: "Grey relational analysis for numerical big data: an improved model and a case for physical fitness test" by <b>YANG Yong</b>, <b>LI Qiao Xing*</b>, <b>WU Jun Fang</b></li> <li>(Online)Paper 3: "The Environmental Regulations may Reduce Pork Prices : A Case Study in China" by <b>Liu Xin*</b>, <b>Li YunXuan</b></li> <li>(Online)Paper 4: "Customer concentration and Corporate Financial Asset Investment: Empirical Analysis Based on Chinese Non-financial Listed Firms" by <b>Yong Wang</b>, <b>Xiangdong Liu</b>, <b>Weizhen Meng</b>, <b>Yun Peng</b>, <b>Duo Liu</b></li> <li>Paper 5: "Industry Structure of Ivory Coast" by <b>Jae-Hwan Park</b>, <b>Choi, Jeeyeon</b></li> </ul> <p>Honor Discussor: <b>KwangHo Jung</b></p> | <p>Online Chairs: <b>WANG Xiu Feng (GUIZHOU UINIVERSITY, CHINA)</b>, <b>LIU Yi Zhi(GUIZHOU UINIVERSITY, CHINA)</b></p> <p>Offline Chair: <b>Sungyong Choi(HanYang University, Korea)</b></p> <ul style="list-style-type: none"> <li>Paper 1: "Impact of risk management on innovation efficiency using a two-stage DEA-Tobit Model" by <b>Minjeong Oh</b>, <b>Hyundong Nam</b>, <b>Yunsik Choi</b>, <b>Sungyong Choi*</b></li> <li>(Online)Paper 2: "Research on Adoption Behavior of Mobile Medical Users——From the Perspective of Push-Pull-Anchor Analysis Framework" by <b>Liu YIZHI</b>, <b>Xuan Lu</b></li> <li>(Online)Paper 3: "Exploring the Institutional Context of Strategic Alliances and Influencing Roles of Governments Impacting Alliances' Synergies" by <b>CIRJEVSKIS</b>, <b>Andrejs</b></li> <li>Paper 4: "Adopting a Formula Funding Model to Enhance Cooperation of Triple Helix" by <b>Sangjae Pyo</b>, <b>Hyoung Ryul Ma</b>, <b>Kyoungmi Jang</b>, <b>DongYeun Kwak</b>, <b>Dong Hoon Oh*</b></li> <li>Paper 5: "Study on Growth of Korean Venture Businesses in Local Area with Pohang City Case" by <b>Lee Sang-Young*</b>, <b>Moosup Jung</b></li> </ul> |

| 7. 06(Wed.)<br>16:00~17:00 | <b>Programs</b><br><b>*Venue: Industry Visiting &amp; Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK</b>  |
|----------------------------|--|
|                            | <p><b>Keynote Speech 1</b> (16:00~16:30) <b>Philip Cooke</b> (Bergen University College, Norway) •Theme: The digital envelope: From 'Fashion City' to digital 'Green Influence' to 'New Garden Cities' after COVID</p> <p>•Venue: Faraday Lecture Theatre, Faraday Building, Swansea University, Singleton Park Campus<br/>           *Presiders: Bo Yang(Swansea University, Korea) &amp; Sang-Don Lee(Ewha Womans University, Korea)</p> <p><b>Onlin participation: Zoom</b><br/> <b>Zoom link:</b> <a href="https://swanseauniversity.zoom.us/j/96751922599?pwd=K2hxTzUyeXB0YUJPR0JYRTI2VVUFeMzZ09">https://swanseauniversity.zoom.us/j/96751922599?pwd=K2hxTzUyeXB0YUJPR0JYRTI2VVUFeMzZ09</a><br/> <b>Meeting ID:</b> 967 5192 2599; <b>Passcode:</b> 843211</p> <p><b>Audience Facebook Live: Open Innovation-first</b><br/>           Method: [Friends Search → "Open Innovation-first" → Select the search result with the name of "Open Innovation-first" → add friend → visiting the live videos]</p> <p><b>Open Innovat...</b> </p> <p><b>Open Innovation-first</b></p> |
| 17:30~                     | <p><b>Keynote Speech 2</b> (16:30~17:00) <b>KwangHo Jung</b> (Seoul National University, Korea) •Theme: Two Pillars of Innovation Process Research: From Motivational Theory to Institutional Perspective</p> <p><b>Invited VIP Dinner by the president of SOI</b></p> <p><b>*Presiders: KwangHo Jung(Seoul National Univ., Korea), DongHoon Oh(OSP, Korea) &amp; BongHwan Kim(Seoul National Univ., Korea)</b></p> <ul style="list-style-type: none"> <li>• Venue: "Hanson at The Chelsea" (Joint Taxi will be prepared)</li> </ul> <p>* Address: 17 St. Mary Street, Swansea, SA1 3LH, Wales, UK; +44 01792 464 068</p> <p>* Because of the limited seats, we will contact the invited VIPs separately.</p>  |

|  |  |
|--|--|
| 7. 06(Wed.)  | <p><b>Programs</b></p> <p><b>*Venue:</b> Industry Visiting &amp; Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK</p> |
|  <p><b>Audience Facebook Live: Open Innovation-b</b></p> <p>Method: [Friends Search → "Open Innovation-b" → Select the search result with the name of "Open Innovation-b" → add friend → visiting the live videos]</p>  <p><b>Open Innovation-b</b></p> |  |

| 7. 07(Thur.) |             | *Venue: Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK   |   |   |  |   |   |   |   |
|--------------|-------------|---|---|---|--|---|---|---|---|
| Programs     |             | Faraday Lecture Theatre   |   | Faraday Room B  |  | Faraday Room C  |   | Faraday Room D  |   |
|              |             | Online Presenters (Zoom)  | Online Audience (Facebook Live)   | Online Presenters (Zoom)  | Online Audience (Facebook Live)  | Online Presenters (Zoom)  | Online Audience (Facebook Live)   | Online Presenters (Zoom)  | Online Audience (Facebook Live)   |
| Time         |             | <b>Zoom link:</b><br><a href="https://swanseauniversity.zoo">https://swanseauniversity.zoo</a><br><a href="https://swanseauniversity.zoo">m.us/j/9675192</a><br>2599?pwd=K2h<br><a href="https://swanseauniversity.zoo">xTzUyeXB0YUJIP</a><br><a href="https://swanseauniversity.zoo">R0JYRTI2VUFm</a><br><b>Zz09</b><br><b>Meeting ID:</b><br>967 5192 2599<br><b>Password:</b><br>843211  | Facebook Live: Open Innovation-first<br>Method: Friends Search → "Open Innovation-first" → Select the search result with the name of "Open Innovation-first" → add friend → visiting the live videos<br><br><b>Open Innovat...</b><br><b>Open Innovation-first</b>   | <b>Zoom link:</b><br><a href="https://swanseauniversity.zoo">https://swanseauniversity.zoo</a><br><a href="https://swanseauniversity.zoo">m.us/j/9271850</a><br>1281?pwd=dDh<br><a href="https://swanseauniversity.zoo">5NGcvJA45Fp</a><br><a href="https://swanseauniversity.zoo">3WWRPak5wa</a><br><b>msrQT09</b><br><b>Meeting ID:</b><br>927 1850 1281<br><b>Password:</b><br>160550  | Facebook Live: Open Innovation-b<br>Method: Friends Search → "Open Innovation-b" → Select the search result with the name of "Open Innovation-b" → add friend → visiting the live videos<br><br><b>Open Innovation-b</b>  | <b>Zoom link:</b><br><a href="https://swanseauniversity.zoo">https://swanseauniversity.zoo</a><br><a href="https://swanseauniversity.zoo">m.us/j/9917954</a><br>9674?pwd=dkg<br><a href="https://swanseauniversity.zoo">xdTURkzisWTFV</a><br><a href="https://swanseauniversity.zoo">OEtcrG9qadI2Z</a><br><b>z09</b><br><b>Meeting ID:</b><br>991 7954 9674<br><b>Password:</b><br>702653 | Facebook Live: Open Innovation-third<br>Method: Friends Search → "Open Innovation-third" → Select the search result with the name of "Open Innovation-third" → add friend → visiting the live videos<br><br><b>Open Innovat...</b><br><b>Open Innovation-third</b> | <b>Zoom link:</b><br><a href="https://swanseauniversity.zoo">https://swanseauniversity.zoo</a><br><a href="https://swanseauniversity.zoo">m.us/j/9879704</a><br>4207?pwd=azhl<br><a href="https://swanseauniversity.zoo">L0hubG1temM</a><br><a href="https://swanseauniversity.zoo">YZzM1d3RwT0F</a><br><b>IzZ09</b><br><b>Meeting ID:</b><br>987 9704 4207<br><b>Password:</b><br>740094 | Facebook Live: Open Innovation-d<br>Method: Friends Search → "Open Innovation-d" → Select the search result with the name of "Open Innovation-d" → add friend → visiting the live videos<br><br><b>Open Innovation-d</b> |
|              |             | <b>Registration (Registration Desk: Foyer of Faraday Building)</b><br><b>Session</b><br>Digitalization and regional innovation & Innovation Ecosystem and Governance Mechanism in the Digital era<br><b>Offline Chair:</b> Bo Yang(Swansea University, UK)<br><b>Online Chair:</b> Jinxi Wu(Tsinghua University, China)<br><ul style="list-style-type: none"> <li>Paper 1: "Open innovation in crisis: An overview of the healthcare sector in response to the COVID-19 pandemic" by</li> </ul> | <b>Session</b><br>Innovation Diversity for Emerging Economies & Innovation & Growth<br><b>Online Chairs:</b> Natalja LACE and Yuanyuan LIU (Riga Technical University, Latvia)<br><b>Offline Chairs:</b> Kangwon Lee (Korea Institute for Advanced Study, Korea) & Seung Hoo Jin(Samsung SDS, Korea)<br><ul style="list-style-type: none"> <li>(Online)Paper 1: "Organizing studies entrepreneurially to prepare for sailing through the</li> </ul> | <b>Session</b><br>Innovation Policy and Regulation of Digital Transformation<br><b>Online Chair:</b> Ben Zhang (Huazhong University of Science & Technology, China)<br><b>Offline Chair:</b> Joao Leitao(University of Beira Interior, Portugal)<br><ul style="list-style-type: none"> <li>(Online)Paper 1: "Digital innovation strategy based on actor network of self-driving vehicles: Patent comparison between China and European Union" by <b>Yakun Ji, Ben Zhang*</b></li> </ul> | <b>Session</b><br>Challenges of Digital Transformation in Korean Manufacturing Industry & Regional Innovation Systems<br><b>Offline Chairs:</b> DongHoon Oh & Heongu Lee(Ministry of Trade, Industry and Energy, Office of Strategic R&D Planning, Korea)<br><b>Online Chair:</b> Yuri Sadoi(Meijo University, Japan)<br><ul style="list-style-type: none"> <li>Paper 1: "Factor Analysis and Prediction of High-Performance Government-Sponsored R&amp;D</li> </ul> |   |   |   |   |
| 08:00~09:00  | 09:00~10:30 |   |   |   |  |   |   |   |   |





| 7. 07(Thur.)   | Programs   | *Venue: Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK  |
|--|--|--|
| <p><b>Zheng Liu, Yongjiang Shi, Bo Yang*</b></p> <ul style="list-style-type: none"> <li>Paper 2: "The signal of post catch-up in Open Innovation Dynamics" by <b>JinHyo Joseph Yun*</b>, <b>Xiaofei Zhao</b>, <b>EuiSeob Jeong</b>, <b>KyungHun Kim</b>, <b>SeungDeuk Hahm</b></li> <li>(Online)Paper 3: "Innovation ecosystem evolution from traditional Internet to artificial intelligence: A case study of Chinese search engine enterprise" by <b>DING Ling</b>, <b>YANG Mingchun</b>, <b>MA Ziyou</b>, <b>YANG Mingchun</b>, <b>WU Jin-xi</b></li> <li>Paper 4: "How can Open Innovation Make an Innovation Ecosystem Work?" by <b>Yongjiang Shi</b>, <b>Hu</b>, <b>Zheng Liu*</b>, <b>David TX Shang</b></li> <li>(Online)Paper 5: "The Integration Innovation of Technological Governance and Social Governance in the Post Epidemic Era" by <b>Sun Rui</b>, <b>WU Jinxi*</b>, <b>SUN Qintao</b></li> </ul> <p><b>Honor Discussor: JinHyo Joseph Yun</b></p> | <p>turbulences of the unknown" by <b>OGANISJANA Karine</b>, <b>WESTERBERG Mats</b>, and <b>HIETANEN Lenita</b></p> <ul style="list-style-type: none"> <li>Paper 2: "Investment and performance of in-vitro diagnostic medical device firm for infectious disease in post-corona era: A South Korea case" by <b>Min Joon Kim</b>, <b>Hyun Yeong Kim</b>, <b>Kwangsoo Shin*</b>, <b>Changhyeon Song*</b></li> <li>Paper 3: "A Research on the Effect of R&amp;D Stocks by Industry Group on Technological Advance and Economic Growth" by <b>Jaeho Jung</b>, <b>Sangok Choi</b></li> <li>(Online)Paper 4: "Exploring the Enablers of Strategic Orientation for Health Care Business Innovation Ecosystems" by <b>Min-Ren Yan</b>, <b>Chun Han Wang</b></li> <li>(Online)Paper 5: "The moderating effect of reinvestment propensity on research capabilities and technology transfer relationship in government funded institutes: The Korean case" by <b>Woojoong Kim</b>, <b>Sangok Choi</b>, <b>Kangwon Lee</b></li> </ul> <p><b>Honor Discussor: Andreas Pyka</b></p> | <p>project: Logistic Regression and Machine Learning" by <b>Hyoung Ryul MA</b>, <b>Cheol-Ju Lee</b></p> <ul style="list-style-type: none"> <li>(Online)Paper 2: "Digital transformation and its impact on green transformation of business in Japan" by <b>Sergei Shaposhnikov &amp; Yuri Sadoi</b></li> <li>Paper 3: "Does digital literacy of college students affect their entrepreneurial intentions in the era of the 4th industrial revolution?" by <b>ByungYun Bae</b>, <b>Sungyong Choi*</b></li> <li>Paper 4 "Smart cities and open innovation: towards a competition framework" by <b>Valentina Della Corte</b>, <b>Enrico Di Taranto</b>, <b>Simone Luongo</b></li> <li>Paper 5: "A Study on the Fit between Innovation Strategies and Country-Specific Ownership Structures: Focusing on Ambidextrous Innovation Strategy and the Ownership Structures in Korean Manufacturing Firms" by <b>Choo Yeon Kim</b>, <b>Jae Wook Yoo*</b></li> </ul> |

| 7. 07(Thur.) | Programs   | *Venue: Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK |
|--------------|--|---|
| 10:30~11:00  | <p>Coffee Break</p> <p>★ Coffee and dessert will be provided in Faraday 001.</p>   |   |
| 11:00~13:00  | <p><b>Welcoming Speech by the Organizing President of SOI - Prof. Dr. JinHy0 Joseph Yun (11:00~11:05)</b></p> <p>•Venue: Faraday Lecture Theatre, Faraday Building, Swansea University, Singleton Park Campus</p> <p>*Presiders: Zheng Liu(Cardiff Metropolitan University, UK) &amp; BongHwan Kim(Seoul National Univ., Korea)</p> <p>Onlin participation: Zoom</p> <p>Zoom link: <a href="https://swanseauniversity.zoom.us/j/96751922599?pwd=K2hxTzUyeXB0YUJPR0JVRTI2VUJmZz09">https://swanseauniversity.zoom.us/j/96751922599?pwd=K2hxTzUyeXB0YUJPR0JVRTI2VUJmZz09</a></p> <p>Meeting ID: 967 5192 2599; Passcode: 843211</p> <p><b>Audience Facebook Live: Open Innovation-first</b></p> <p>Method: [Friends Search → "Open Innovation-first" → Select the search result with the name of "Open Innovation-first" → add friend → visiting the live videos]</p> <p><b>Open Innovat...</b></p>  <p><b>Open Innovation-first</b></p> <p><b>Welcoming Speech by the Executive President of SOI - Prof. KwangHo Jung (11:05~11:10)</b></p> <p><b>Welcoming Speech by the Swansea University Hosting Chair-Dr. Bo Yang (11:10~11:15)</b></p> <p><b>Congratulatory Speech by the Head of the School of Social Sciences, Swansea University-Prof. Ryan Murphy (11:15~11:20)</b></p> <p><b>Keynote Speech 3 (11:30~12:00) JinHy0 Joseph Yun (DGIST, Korea)</b> •Theme: Regulation conversion at telemedicine of UK and Korea in digital transformation; -The way to growing up new industry with open innovation dynamics"</p> <p><b>Keynote Speech 4 (12:00~12:30) Fred Phillips (University of New Mexico, USA)</b> •Theme: Climate Dialog, Climate Action: Can democracy do the job?</p> <p><b>Keynote Speech 5 (12:30~13:00) Andreas Pyka (University of Hohenheim, Germany)</b> •Theme: Growth, development and transformation. What is important now?</p> |   |
| 13:00~15:30  | <p>Lunch &amp; Coffee Break</p> <p>★ Lunch, Coffee and dessert will be provided in Faraday 001.</p>  |   |

| 7. 07(Thur.)<br>15:30~17:00  | Programs   | *Venue: Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK   |  |  |
|--|--|---|--|--|
| <p><b>Session</b><br/>Open Innovation Business Model Session<br/>Offline Chairs: JinHy0 Joseph Yun(DGIST, Korea), Bo Yang (Swansea University, Korea) &amp; EuiSeob Jeong(KISTI, Korea)</p> <ul style="list-style-type: none"> <li>• (Online)Paper 1: "A business model for the emergence of a social market for amateur artists" by <b>Yoonseo Jung</b></li> <li>• Paper 2: "Business Model of K-Youth Culture" by <b>Juhyung Jung</b></li> </ul> | <p><b>Session</b><br/>Open Innovation and Sustainable System Development in Practices &amp; Open Innovation and ecosystem<br/>Online Chairs: Min-Ren Yan (Chinese Culture Univ.) &amp; Haiyan Yan(Shanghai Univ. of International Business and Economics, China)<br/><b>Offline Chair: Zheng Liu(Cardiff Metropolitan University, UK)</b></p> <ul style="list-style-type: none"> <li>• Paper 1: "Competitiveness in E-mobility industry" by <b>Seunghyun Kim*</b></li> <li>• (Online)Paper 2: "Exploring the Driving Forces of New Retail Business Model Innovation in China" by <b>HaiyanYan, Min-Ren Yan*, Xiaotong Shen*, Xinyue Yan, Haonan Qu</b></li> <li>• Paper 3: "Innovation capabilities and technology commercialization in the smart farm sector of Korea" by <b>Daeyu Kim, Seung Hoo Jin</b></li> <li>• Paper 4: "Industrialisation, Ecologicalisation and Digitalisation (IED): Building a theoretical framework for</li> </ul> | <p><b>Session</b><br/>Innovation and Digital Transformation in Emerging Economies<br/>Online Chairs: Elina Gaile-Sarkane and Inga Lapiņa (Riga Technical University)<br/>Offline Chair: Eungdo Kim (Chungbuk National University, Korea)</p> <ul style="list-style-type: none"> <li>• (Online)Paper 1: "Factors Affecting Innovation in the Clothing and Textile Industry: Towards the Circular Economy" by <b>HOVLANNE Zane, DUBICKIS Mikus, GAILE-SARKANE Elina</b></li> <li>• Paper 2: "Is Groupthink Really Inevitable? The Self-Organizational Perspective" by <b>Namjun Cha, Eungdo Kim*</b></li> <li>• Paper 3: "A Study on Design Education Related to Attitude of Accepting AI-Based Design" by <b>Ko Yunseo, Kim Taesun</b></li> <li>• (Online)Paper 4: "Exploring the social construction of counterfeit purchases as social reality: Externalization, objectification, and internalization" by <b>Seung-</b></li> </ul> | <p><b>Session</b><br/>Issues on Innovative Competitiveness and Efficiency &amp; Open Innovation in the new era.<br/>The role of artificial intelligence<br/>Offline Chairs: DaeCheol Kim(Hanyang University, Korea) &amp; SungYong Choi(Hanyang University, Korea)<br/>Online Chair: SCEULOV'S Deniss (Riga Technical University, Latvia)</p> <ul style="list-style-type: none"> <li>• Paper 1: "Impacts of the local government's visa waiver program on Tourism in Jeju Island" by <b>Tae Youn Kim, Eunsong Bae, Daecheol Kim*</b></li> <li>• Paper 2: "Open innovation and well-being: In relation to 'The Postpandemic Future of Work'" by <b>Mari Iizuka</b></li> <li>• Paper 3: "Innovation of tacit knowledge management via digital transformation in the demographic transition era - case study on a national R&amp;D project of the Korean ceramic industry" by <b>Heongu Lee</b></li> <li>• (Online)Paper 4: "The Impact on Audience Attention and Media Brand Choice Using Media</li> </ul> |  |

| 7. 07(Thur.) | Programs   |   |   |  |
|--------------|--|---|---|--|
|              | <p>*Venue: Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK</p> | <p>sustainable development" by<br/><b>Yongjiang Shi, Jialun Hu, David Tianxin Shang, Zheng Liu*</b></p> <ul style="list-style-type: none"> <li>(Online)Paper 5: "Diversified Paths to Improve Operating Efficiency of Patent Operation Platforms: A Fuzzy-Set Qualitative Comparative Analysis Based on TOE Framework in China" by <b>Kaitong Liang, Lei Ma, Zheng Liu, Chaonan Yi, Xinwei Ye</b></li> </ul> <p><b>Honor Discussor: Fred Phillips</b></p> | <p><b>Hee Lee, Kwangho Jung &amp; Jane Workman</b></p> <ul style="list-style-type: none"> <li>Paper 5: "An Experiment on Digitalizing Gratitude and Improving Trust" by <b>Jun-ichi Yamamoto, Rina Numabe, Quan Than Pham &amp; Shugo Sugawara</b></li> </ul> | <p>Brands Uniqueness Phenomenon" by <b>SAULITE Linda, SCEULOVIS Deniss</b></p> <ul style="list-style-type: none"> <li>Paper 5: "Water Treatment Technology Trends Through Patent Data Analysis in the Age of Digital Transformation" by <b>Sangjae Pyo, Hyoung Ryul Ma, Seung Gun Chung, Dong Hoon Oh</b></li> </ul> |




| 7. 08(Fri.) |  | *Venue: Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK  |  |   |  |  |  |  |  |                          |                                 |                          |                                 |
|-------------|--|--|--|---|--|--|--|--|--|--------------------------|---------------------------------|--------------------------|---------------------------------|
| Programs    |  | Faraday Lecture Theatre  |  |   | Faraday Room B   |  |  | Faraday Room C   |  |                          | Faraday Room D                  |                          |                                 |
|             |  | Online Presenters (Zoom)   | Online Audience (Facebook Live)  | Online Presenters (Zoom)  | Online Audience (Facebook Live)  | Online Presenters (Zoom)   | Online Audience (Facebook Live)  | Online Presenters (Zoom)   | Online Audience (Facebook Live)  | Online Presenters (Zoom) | Online Audience (Facebook Live) | Online Presenters (Zoom) | Online Audience (Facebook Live) |
|             | <b>Time</b>  | <b>Zoom link:</b><br><a href="https://swanseauniversity.zoo">https://swanseauniversity.zoo</a><br><a href="https://swanseauniversity.zoo">m.us/j/967519</a><br>22599?pwd=K2<br><a href="https://swanseauniversity.zoo">hxTzUyeXB0YU</a><br><a href="https://swanseauniversity.zoo">IPR0JYRT2VUF</a><br>mZz09<br><b>Meeting ID:</b><br>967 5192 2599<br><b>Passcode:</b><br>843211  | Facebook Live: Open Innovation-first<br>Method: [Friends Search → "Open Innovation-first" → Select the search result with the name of "Open Innovation-first" → add friend → visiting the live videos]<br><b>Open Innovat...</b><br><br>Open Innovation-first   | <b>Zoom link:</b><br><a href="https://swanseauniversity.zoo">https://swanseauniversity.zoo</a><br><a href="https://swanseauniversity.zoo">m.us/j/927185</a><br>01281?pwd=d<br><a href="https://swanseauniversity.zoo">Dh5NGcvJA45</a><br><a href="https://swanseauniversity.zoo">Fp3WWRPak5</a><br>wamsrQT09<br><b>Meeting ID:</b><br>927 1850 1281<br><b>Passcode:</b><br>160550   | Facebook Live: Open Innovation-b<br>Method: [Friends Search → "Open Innovation-b" → Select the search result with the name of "Open Innovation-b" → add friend → visiting the live videos]<br><br>Open Innovation-b | <b>Zoom link:</b><br><a href="https://swanseauniversity.zoo">https://swanseauniversity.zoo</a><br><a href="https://swanseauniversity.zoo">m.us/j/991795</a><br>49674?pwd=dk<br><a href="https://swanseauniversity.zoo">gxdTURkzisWT</a><br><a href="https://swanseauniversity.zoo">FV0EtrcG9qaDI</a><br>2Zz09<br><b>Meeting ID:</b><br>991 7954 9674<br><b>Passcode:</b><br>702653 | Facebook Live: Open Innovation-third<br>Method: [Friends Search → "Open Innovation-third" → Select the search result with the name of "Open Innovation-third" → add friend → visiting the live videos]<br><b>Open Innovat...</b><br><br>Open Innovation-third | <b>Zoom link:</b><br><a href="https://swanseauniversity.zoo">https://swanseauniversity.zoo</a><br><a href="https://swanseauniversity.zoo">m.us/j/987970</a><br>44207?pwd=az<br><a href="https://swanseauniversity.zoo">hiL0hubG1tem</a><br><a href="https://swanseauniversity.zoo">MyZzM1d3Rw</a><br>TOFIZz09<br><b>Meeting ID:</b><br>987 9704 4207<br><b>Passcode:</b><br>740094 | Facebook Live: Open Innovation-d<br>Method: [Friends Search → "Open Innovation-d" → Select the search result with the name of "Open Innovation-d" → add friend → visiting the live videos]<br><br>Open Innovation-d |                          |                                 |                          |                                 |
| 08:00~09:00 | Registration (Registration Desk: Foyer of Faraday Building)  |  |  |   |  |  |  |  |  |                          |                                 |                          |                                 |
| 09:00~10:30 | <b>Session</b><br>Platform innovation<br><b>Online Chair:</b> Lei Ma(Nanjing Univ. of Science and Technology, China)<br>Offline Chair: Jang Hyun Kim (Sungkyunkwan University, Korea)<br><ul style="list-style-type: none"> <li>Paper 1: "Knowledge flow mechanism for platform innovation ecosystem: Multiple case studies on intellectual property operation platform in China" by <b>Lei Ma, Ben Zhang*</b>,</li> </ul> | <b>Session</b><br>Digital Smart and Socially Inclusive Design & New Directions for Corporate Finance and Innovation<br><b>Offline Chair:</b> Taesun Kim (HanYang University, Korea)<br><b>Online Chair:</b> Erwei Xiang (Newcastle University, UK)<br><ul style="list-style-type: none"> <li>Paper1: "Designing for Children - Strategies for the digital transformation of basic education for refugee children"</li> </ul> | <b>Session</b><br>Innovation Lag, Social Construction, Creativity, and Autonomy & Green Governance: Code and Evaluation<br><b>Offline Chair:</b> KwangHo Jung (Seoul National University, Korea)<br><b>Online Chair:</b> Weian Li(Nankai University & Tianjin University of Finance and Economics, China)<br><ul style="list-style-type: none"> <li>Paper 1: "The Effect of Organizational Performance on</li> </ul> | <b>Session</b><br>Open Innovation in the new era. The role of artificial intelligence<br><b>Offline Chairs:</b> Valentina Della Corte(University of Naples Federico II, Italy) & Giovanna Del Gaudio(University of Naples Federico II, Italy)<br>Online Chair: Mari Iizuka(Doshisha University, Japan)<br><ul style="list-style-type: none"> <li>Paper 1: "Organization culture and Open Innovation: A Case of</li> </ul> |  |  |  |  |  |                          |                                 |                          |                                 |


| 7. 08(Fri.) | *Venue: Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK  |  |   |
|-------------|--|--|---|
|             | Programs   |  |   |
|             | <p><b>Liyang Wang, Zheng Liu, Kaitong Liang</b></p> <ul style="list-style-type: none"> <li>Paper 2: "Factors affecting open innovation performance of venture firms: focusing on innovation mode with university and research institute" by <b>Cheongho Na, EungDo Kim*</b></li> <li>Paper 3: "Barrier to establishing communities of practice around circular economy: Study of the Welsh Circular Economy Innovation Communities" by <b>Staffen James, Zheng Liu, Gary Walpole, Gareth RT White</b></li> <li>Paper 4: "Risk management and innovation : Analytical mapping using CiteSpace" by <b>ShaoPeng Che, Dongyan Nan, Shunan Zhang, Jang Hyun Kim*</b></li> <li>(Online)Paper 5: "Development and Future Trends of Media Economy Amid Technological Evolution: A China Perspective" by <b>Shi Xiaojin, Wu Jinxi</b></li> </ul> <p><b>Honor Discussor: Venni V Krishna</b></p> | <p>by <b>Zhang Xi, Hongyuan Zhao, Kim Taesun</b></p> <ul style="list-style-type: none"> <li>Paper 2: "Open Innovation and Cost Efficiency in an Emerging Economy" by <b>Xiaowen Tian, Erwei Xiang, Wenjuan Ruan</b></li> <li>Paper 3: "Exploring a way of sustainable development of intermediary organizations supporting the innovative SMEs in the region — A case study of TAMA (Technology Advanced Metropolitan Area) Association in Japan" by <b>Kodama, Toshihiro</b></li> <li>Paper 4: "Success Factors for Innovation: A Bayesian Network Approach" by <b>Seungwon Yu, Jaeseong Kim</b></li> <li>Paper 5: "Digitalizing the Pillars of Hybrid Civic Universities" by <b>Joao Leitao, Dina Pereira, Ângela Gonçalves, Tiago Oliveira, and Joaquin Ferreira</b></li> </ul> | <p>Recruiting Female Workers in State-Owned Corporations" by <b>Jineui Hahm, Kwangho Jung</b></p> <ul style="list-style-type: none"> <li>(Online)Paper 2: "Human Capital-Driven Organizational Innovation Ecosystem" by <b>Min-Ren Yan, Ting-Cheng Lee*</b></li> <li>Paper 3: "Can Stability of Board Contribute to fulfill Corporate Social Responsibility?—Based on Evidence of A-share Listed Companies" by <b>Lun Wang, Runhui Lin</b></li> <li>(Online)Paper 4: "Digital transformation of higher education fundraising campaigns: the importance of donors' segmentation" by <b>STRAUJUMA Anita, LOZE Leide</b></li> <li>Paper 5: "Empirical study on the process of servitization in the Product Service System with the digitization; Focused on Manufacturing firm" by <b>Junghee Han</b></li> </ul> |
| 10:30~11:00 | Coffee Break ★ <b>Coffee and dessert will be provided Faraday 001.</b>   |  |   |
| 11:00~12:30 | <b>Keynote Speech 6</b> (11:00~11:30) <b>Ulrich Witt</b> (Max Planck Institute of Economics Jena, Germany) • Theme: Innovative Capitalism Needs Institutional Co-evolution   |  |   |




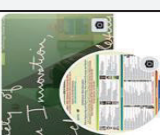
|             |   |  |
|-------------|---|--|
| 7. 08(Fri.) | <p><b>Programs</b></p> <p>*Venue: Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK</p> <p>*Venue: Faraday Lecture Theatre, Faraday Building, Swansea University, Singleton Park Campus</p> <p>*Presiders: Rosen Chowdhury (Swansea University, UK) &amp; Eungdo Kim(Chungbuk National University, Korea)</p> <p>Onlin participation: Zoom</p> <p>Zoom link: <a href="https://swanseauniversity.zoom.us/j/96751922599?pwd=K2hxTzUyeXB0YUJPR0JYRTI2VUJmZz09">https://swanseauniversity.zoom.us/j/96751922599?pwd=K2hxTzUyeXB0YUJPR0JYRTI2VUJmZz09</a></p> <p>Meeting ID: 967 5192 2599; Passcode: 843211</p> <p><b>Audience Facebook Live: Open Innovation-first</b></p> <p>Method: [Friends Search → "Open Innovation-first" → Select the search result with the name of "Open Innovation-first" → add friend → visiting the live videos]</p> <p><b>Open Innovat...</b></p>  <p><b>Open Innovation-first</b></p> |  |
|             | <p><b>Keynote Speech 7</b> (11:30~12:00) <b>Venni V Krishna</b> (University of New South Wales, Australia) •Theme: Can we Build Innovation Systems with Weak Science and Technology Systems? Some Insights from Successful Cases in Asia [<i>Online Speech</i>]</p> <p><b>Keynote Speech 8</b> (12:00~12:30) <b>Bo Yang</b> (Swansea University, UK) • Theme: Open Innovation in time of Crisis</p>   |  |
| 12:30~13:30 | Lunch Break   |  |
| 13:30~15:00 | <p>★ <b>Lunch will be provided in Faraday 001.</b></p> <p><b>Session</b><br/> <b>Open Innovation in Biomedical Industry</b><br/> <b>Offline Chairs: Eungdo Kim(Chungbuk National University, Korea)</b></p> <p><b>Session</b><br/> <b>Climate Change in Digital Transformation Era &amp; Digital Transformation and Smart Governance in the Context of Big Data (3)</b></p> <p><b>Session</b><br/> <b>Digital Transformation and Smart Governance in the Context of Big Data (4) &amp; Knowledge service, open innovation and firm performance</b></p> <p><b>Session</b><br/> <b>Digital Transformation for new business innovation &amp; Digital Transformation and Smart Governance in the Context of Big Data (5)</b></p>  |  |

| 7. 08(Fri.)   | *Venue: Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK   |   |   |
|---|---|---|---|
|   | Programs  |   |   |
| <p>Online Chair: Zheng Liu(Cardiff Metropolitan University, UK)</p> <ul style="list-style-type: none"> <li>Paper 1: "Impact of use emerging technologies on organizational knowledge creation capability by task complexity" by <b>Namjun Cha, Eungdo Kim*</b></li> <li>Paper 2: "Industrial Symbiosis and Open Innovation" by <b>David T. X. Shang</b></li> <li>Paper 3: "Analysis of patent activity trends by IPC in the IT-related field using Korean registered patents" by <b>Youeil KIM, EuiSeob JEONG*</b>, <b>Sangwoo KIM</b></li> <li>Paper 4: "Innovation in Crisis: an examination of the interoperation of Triple Helix actors in response to Covid-19 pandemic" by <b>Staffen James, Zheng Liu*</b>, <b>Victoria Stephens, Gareth RT White</b></li> <li>Paper 5: "A study of communication network management: A case study of the Overseas Technical Certification Process in the</li> </ul> | <p><b>Offline Chair: Sang-Don Lee</b>(Ewha Womans University, Korea)</p> <p><b>Online Chairs: HONG Ming Yong</b>(GUIZHOU UNIVERSITY, CHINA), <b>ZENG Fang Mei</b>(Yuan Ze University)</p> <ul style="list-style-type: none"> <li>Paper 1: "Changes in Species Richness and Distribution of Birds in Winter in Korea" by <b>Minkyung Kim, Sang-im Lee, SangDon Lee, Piotr G. Jablonski*</b></li> <li>(Online)Paper 2: "Smog, firm evolution and macro-economic efficiency: evidence from 800-mm isoline in China" by <b>Wu Dewang, Liu Xin</b></li> <li>(Online)Paper 3: "Do environmental subsidies efficient on air pollution: Games and empirical evidence" by <b>Liu Xin*</b>, <b>Xu Chunmei</b></li> <li>(Online)Paper 4: "Analysis on the mechanism of population structure on carbon emission" by <b>Fu Haowen</b></li> <li>(Online)Paper 5: "Ethical responsibility of a company in</li> </ul> | <p><b>Online Chairs: Li Ye</b>(GUIZHOU UNIVERSITY, CHINA), <b>WANG Ting</b>(GUIZHOU UINIVERSITY, CHINA)</p> <p><b>Offline Chairs: Hun Park</b>(KISTI, Korea), <b>Jinwoo Sim</b>(KISTI, Korea) &amp; <b>Tae-Eung Sung</b>(Yonsei University, Korea)</p> <ul style="list-style-type: none"> <li>Paper 1: "Effect of Knowledge Services on Organizational Performance based on the Concept of Balance Score Cards: Evidence from South Korea" by <b>Heon-Hwi Lee, Jae-Woong Jeong, Hun Park*</b></li> <li>Paper 2: Exploring firms' endeavours in adopting circular economy - a case study of a leading glass manufacturer in Taiwan" by <b>Sirirat Lim, Perpétue Cornet</b></li> <li>(Online)Paper 3: "Construction of Research Model of Tourism Function System under the Background of Smart Tourism Development" by <b>Yu yi</b></li> <li>Paper 4: "Finding out user characteristics by metaverse</li> </ul> | <p><b>Offline Chair: Junic Kim</b>(KonKuk University, Korea)</p> <p><b>Online Chairs: RAN GuangGui</b> (G UIZHOU UINIV., CHINA), <b>LACE N atalja</b>(RIGA TECHNICAL UNIVERSITY, LATVIA) and <b>HONG Yun</b> (GUIZHOU UINIV., CHINA)</p> <ul style="list-style-type: none"> <li>Paper 1: "Science, technology and innovation strategies for local government" by <b>Saimi Woo</b></li> <li>Paper 2: "Digital Transformation and Continuous Improvement as a Catalyst for Sustainability and Open Innovation" by <b>ROBERTSONE Galina, LAPINA Inga</b></li> <li>Paper 3: "6D Model to foster design creativity: Analysis of design creativity instructional model for higher education" b</li> <li><b>Youbin Kim and Junic Kim</b></li> <li>Paper 4: "Finding opportunities to improve the COVID 19 self-quarantine policy of S.Korea based on inbound foreign students' experience" by <b>MaXinton, Kim Taesun</b></li> </ul> |

| 7. 08(Fri.) | *Venue: Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK   |  |   |
|-------------|---|--|---|
|             | <p><b>Programs</b></p> <p>Korean Rail Industry" by <b>Choi, Jeeyeon, Jae-Hwan Park, Steve Evans</b></p>   | <p>the context of digital transformation of work:<br/><b>Angelina, LOBANOVA Liudmila</b></p> | <p>platforms" by <b>Jinwook Hong, Jungwan Han</b></p> <ul style="list-style-type: none"> <li>Paper 5: "Positioning as a Catalyst Towards Innovations" by <b>STRAUSA Evita, ENCE Enno, GAILE-SARKANE Elina</b></li> </ul> <p>Honor Discussor: <b>Bo Yang</b></p> |
| 15:00~15:30 | <p>Coffee Break ★ <b>Coffee and dessert will be provided in Faraday 001.</b></p> <p><b>&amp; SOI 2022 Award Committee Meeting(only for 6 committee members) in Faraday Lecture Theatre.</b></p>   |  |   |
| 15:30~17:00 | <p><b>General Meeting of SOI</b></p> <ul style="list-style-type: none"> <li><b>Venue:</b> Faraday Lecture Theatre, Faraday Building, Swansea University, Singleton Park Campus</li> <li><b>*Presiders:</b> KyungBae Park(Sangji University, Korea) &amp; Yuri Sadoi(Meijo University, Korea)</li> </ul> <p><b>Onlin participation: Zoom</b></p> <p><b>Zoom link:</b> <a href="https://swanseauniversity.zoom.us/j/96751922599?pwd=K2hxTzUyeXB0YUJPR0JYRTI2VUJmZz09">https://swanseauniversity.zoom.us/j/96751922599?pwd=K2hxTzUyeXB0YUJPR0JYRTI2VUJmZz09</a></p> <p><b>Meeting ID:</b> 967 5192 2599; <b>Passcode:</b> 843211</p> <p><b>Audience Facebook Live: Open Innovation-first</b></p> <p>Method: [Friends Search → "Open Innovation-first" → Select the search result with the name of "Open Innovation-first" → add friend → visiting the live videos]</p> <div style="text-align: center;">  <p><b>Open Innovation-first</b></p> </div> <p style="text-align: center;">* <b>Best Paper(Best Paper/Outstanding Paper) Award Ceremony</b></p> |  |   |

|             |   |
|-------------|---|
| 7. 08(Fri.) | <p><b>Programs</b></p> <p>*Venue: Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK</p> <p>*Appreciation Plaque Ceremony</p> <p>*for SOI 2022 Organizing President, Hosting Chair, Vice-hosting Chair, and special appreciation for prof. Natalja Lace</p> <p>*Important Decision Issues</p> <p>*including SOI 2023, SOI 2024 &amp; SOI 2025 planning, new honorable advisory members and board members inviting</p> <p>Notice of SOI &amp; Department of Economics, Management, Institutions (DEMI) of the University Federico II of Naples(UNINA) 2023 Conference</p>  <ul style="list-style-type: none"> <li>• Hosted by Department of Economics, Management, Institutions (DEMI) of the University Federico II of Naples(UNINA)</li> <li>*Hosting Chair: Prof. Valentina Della Corte &amp; Vice hosting chair: Dr. Giovanna Del Gaudio             <ul style="list-style-type: none"> <li>• Organized by Society of Open Innovation: Technology, Market, and Complexity (SOI)</li> </ul> </li> <li>*Organizing President: Prof. Dr. JinHyo Joseph Yun</li> <li>• Theme: New Way of Open Innovation and Open Business Model after Pandemic for the Recovery of World Economy             <ul style="list-style-type: none"> <li>• Date: July 12(Wed.) ~ 15(Sat.), Conference Days, 2023, University Federico II of Naples, Naples, Italy</li> </ul> </li> <li>*July 10~11, Open Innovation Academy of SOI 2023 Summer School Lecture Days;</li> </ul> <p><b>Gala-Free &amp; Inviting Dinner</b></p> <p>Venue: Grape &amp; Olive(27th floor with panoramic view over Swansea Bay)</p> |
| 18:00~      |   |

|             |  |  |
|-------------|--|--|
| 7. 08(Fri.) | <p><b>Programs</b></p>   | <p>*Venue: Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK</p> |
|             | <p>Address: The Tower, Trawler Rd, Maritime Quarter, Swansea SA1 1JW, UK; +44 1792 462617</p> <p>*Presiders: SungYong Choi(Hanyang University, Korea), Giovanna Del Gaudio(University of Naples Federico II, Italy)</p>  <p>*We will contact the participants separately.</p> <p>* Gala-Free &amp; Inviting dinner is for thanks to the contribution of all special session chairs + contributors for organizing special sessions, general sessions and participants(in advance booked for 50 seats &amp; more possible).</p> <p>* Shuttle bus waiting until 17:00 at Swansea Univ. Singleton Park Campus (for bus parking lot, please refer to Appendix 2.)</p> <p>&amp; take the path from Swansea Univ. Singleton Park Campus -&gt; Grape &amp; Olive</p> <p>*After dinner, there is no shuttle bus, the Marriott Swansea Hotel is next to the dinner venue.</p> <p><b>Audience Facebook Live: Open Innovation-third</b></p> <p>Method: [Friends Search → "Open Innovation-third" → Select the search result with the name of "Open Innovation-third" → add friend → visiting the live videos]</p>  |  |

| 7.09(Sat.)  |  | *Venue: Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK   |   |  |   |   |   |   |   |  |   |   |  |
|-------------|--|---|---|--|---|---|---|---|---|--|---|---|--|
| Time        | Programs   | Faraday Lecture Theatre   |   |  | Faraday Room B  |   |   | Faraday Room C  |   |  | Faraday Room D  |   |  |
|             |  | Online Presenters (Zoom)  | Online Audience (Facebook Live)   | Online Presenters (Zoom)   | Online Audience (Facebook Live)   | Online Presenters (Zoom)  | Online Audience (Facebook Live)   | Online Presenters (Zoom)  | Online Audience (Facebook Live)   |  |   |   |  |
| 09:00~10:30 | <b>Poster Presentation Prize Money would be awarded for every conference room's with 3 best posters.</b><br><br><b>Award: \$100/per poster</b> | <b>Zoom link:</b><br><a href="https://swanseauniversity.zoom.us/j/967519">https://swanseauniversity.zoom.us/j/967519</a><br><b>22599?pwd=K2</b><br><a href="https://swanseauniversity.zoom.us/j/967519">hxTzUyeXB0YU</a><br><a href="https://swanseauniversity.zoom.us/j/967519">IPR0JYRTI2VUF</a><br><b>mZz09</b><br><b>Meeting ID:</b><br>967 5192 2599<br><b>Passcode:</b><br>843211 | Facebook Live: Open Innovation-first<br>Method: [Friends Search → "Open Innovation-first" → Select the search result with the name of "Open Innovation-first" → add friend → visiting the live videos]<br><b>Open Innovat...</b><br><br><b>Open Innovation-first</b> | <b>Zoom link:</b><br><a href="https://swanseauniversity.zoom.us/j/927185">https://swanseauniversity.zoom.us/j/927185</a><br><b>01281?pwd=d</b><br><a href="https://swanseauniversity.zoom.us/j/927185">Dh5NGcvJA45</a><br><a href="https://swanseauniversity.zoom.us/j/927185">Fp3WWRPak5</a><br><b>wamsrQT09</b><br><b>Meeting ID:</b><br>927 1850 1281<br><b>Passcode:</b><br>160550 | Facebook Live: Open Innovation-b<br>Method: [Friends Search → "Open Innovation-b" → Select the search result with the name of "Open Innovation-b" → add friend → visiting the live videos]<br><b>Open Innovation-b</b><br> | <b>Zoom link:</b><br><a href="https://swanseauniversity.zoom.us/j/991795">https://swanseauniversity.zoom.us/j/991795</a><br><b>49674?pwd=dk</b><br><a href="https://swanseauniversity.zoom.us/j/991795">gxdTURkzisWT</a><br><a href="https://swanseauniversity.zoom.us/j/991795">FVOEtrcG9qaDI</a><br><b>2Zz09</b><br><b>Meeting ID:</b><br>991 7954 9674<br><b>Passcode:</b><br>702653 | Facebook Live: Open Innovation-third<br>Method: [Friends Search → "Open Innovation-third" → Select the search result with the name of "Open Innovation-third" → add friend → visiting the live videos]<br><b>Open Innovat...</b><br><br><b>Open Innovation-third</b> | <b>Zoom link:</b><br><a href="https://swanseauniversity.zoom.us/j/987970">https://swanseauniversity.zoom.us/j/987970</a><br><b>44207?pwd=az</b><br><a href="https://swanseauniversity.zoom.us/j/987970">hiL0hubG1tem</a><br><a href="https://swanseauniversity.zoom.us/j/987970">MyZzM1d3Rw</a><br><b>TOFIZz09</b><br><b>Meeting ID:</b><br>987 9704 4207<br><b>Passcode:</b><br>740094 | Facebook Live: Open Innovation-d<br>Method: [Friends Search → "Open Innovation-d" → Select the search result with the name of "Open Innovation-d" → add friend → visiting the live videos]<br><b>Open Innovat...</b><br><br><b>Open Innovation-d</b> | <b>Poster Session</b><br><b>Chairs: DaeCheol Kim(Hanyang University, Korea), Youeil KIM (KISTI, Korea) &amp; Sangwoo KIM(KISTI, Korea)</b><br><br><ul style="list-style-type: none"> <li>Paper 1: "Protected nature, participation, and open innovation with tacit knowledge: The way to comedy of commons of new business model" by <b>JinHyo Joseph Yun*</b>, Xiaofei Zhao, KyungBae Park, Valentina Della Corte, Giovanna Del Gaudio</li> </ul> | <b>Poster Session</b><br><b>Chairs: Dilshad Jahan (Swansea University, UK) &amp; Choong-Sik Chung (KyungSung University, Korea)</b><br><br><ul style="list-style-type: none"> <li>Paper 1: "How can medical device companies catch-up by open innovation strategy? Evidence from Korea" by <b>Dongwoo Kim, Kwangsoo Shin</b></li> <li>Paper 2: "Study on the open innovation signal in financial</li> </ul> | <b>Poster Session</b><br><b>Chairs: Bo Yang(Swansea University, UK) &amp; EuiSeob Jeong(KISTI, Korea)</b><br><br><ul style="list-style-type: none"> <li>Paper 1: "A Case Study on the Effect of Knowledge Services on Business Performance according to the Firm Technology Level: Evidence from South Korea" by <b>Minji Kim, Jinwoo Sim, Hun Park*</b></li> </ul> | <b>Poster Session</b><br><b>Chairs: Staffen James(Southwales University, UK) &amp; KwangHo Jung(Seoul National University, Korea)</b><br><br><ul style="list-style-type: none"> <li>Paper 1: "Does digital finance empower carbon emission reduction? Evidence from Chinese cities" by <b>Hui Xu, Xin Liu*</b></li> <li>Paper 2: "Effects of Chinese carbon reduction policies on</li> </ul> |




| 7.09(Sat.)  | Programs  | *Venue: Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK   |
|---|---|---|
| <p>Evaluating Method: Every visitor would be given three heart memos before enter each room, then after visiting the presentation, you can choose the best three posters in every room and paste your heart memos on those posters. Poser session chairs would account the final results.</p> | <ul style="list-style-type: none"> <li>Paper 2: "Mapping the evolution of digital transformation: A bibliometric review" by <b>Qingwei Zhang, Maoxi Yang, Xiangmeng Zhang, Guangqi Gao*, Zhongwei Hou</b></li> <li>Paper 3: "Modeling and Simulation of Open Innovation Micro Dynamics in Cost, Benefit, and Time-Lag" by <b>JinHyo Joseph Yun, Zhao, Xiaofei, Jeong, Eui Seob, Ahn, Heungju, Park, KyungBae</b></li> <li>Paper 4: "Research on industrial enterprise digitization evaluation system based on systems Engineering" by <b>Yue Chang, Jun Zhang</b></li> <li>Paper 5: "The Evolutionary Trend and Network Characteristics of Global Hubs of STI-- Based on Big Data Analysis and Mining Technology" by <b>Xu Bai, Peng He, Di Cao, Jinxi Wu*</b></li> <li>Paper 6: "Open Standards Processes and Agile Governance in Evolution of OSS Platforms:</li> </ul> | <p>statement of firms" by <b>JinHyo Joseph Yun*, BongHwan Kim*, Xiaofei Zhao, EuiSeob Jeong, Joonggi Ahn</b></p> <ul style="list-style-type: none"> <li>Paper 3: "Configuration path of industrial digital transformation from the perspective of regional innovation ecosystem" by <b>Xinwei Ye, Lei Ma &amp; Kaitong Liang</b></li> <li>Paper 4: "Innovation of International Cooperation Mechanism and Governance System for High-Quality Development of the Belt and Road Initiative" by <b>Si Qi, Li Fen REN</b></li> <li>Paper 5: "Study on the Renovation of Smart Community Service Facilities for the Aged in Mountainous City" by <b>Honggang TANG, Shuwen XIANG, Wenyao XIAO</b></li> <li>Paper 6: "How does Adolescents' Usage of Social Media Affect</li> </ul>  |
|   | <ul style="list-style-type: none"> <li>Paper 2: "An Introduction to R&amp;D Project Valuation Model and System" by <b>Hun Park, Hyunwoo Park, Jongtaik Lee</b></li> <li>Paper 3: "Digital innovation path of traditional manufacturing industry—A case study from ANSTEEL" by <b>Zihao Che</b></li> <li>Paper 4: "An evolutionary game research on value co-creation behaviour of digital patent platform" by <b>Xiaojing Huang, Lei Ma, Rao Li &amp; Zheng Liu</b></li> <li>Paper 5: "The Perspective of Smart Education for Foreign Language Teaching and Management in Tertiary Education" by <b>SHEN Lin, Jing HUANG, Yuan HUANG, ZHOU Jie*</b></li> <li>Paper 6: "Digital transformation of science and technology development: A systematic literature review and future research agenda" by <b>Ben Zhang</b></li> </ul>  | <p>carbon emission-Based on text mining" by <b>YANG Da, DING Chuan*</b></p> <ul style="list-style-type: none"> <li>Paper 3: "Analysis of regional innovation practices in Japan: the role of foreign engineers" by <b>Yuri Sadoi</b></li> <li>Paper 4: "Geo-economic factors of regional innovation: the case of Taiwan and Japan" by <b>Yuri Sadoi, Lih Ren Li, Kuanju Lin &amp; Cheng Wu</b></li> <li>Paper 5: "Servitization of Service providers with Open Innovation Consideration" by <b>Chulok Ahn, ByungYun Bae, Sungyong Choi*</b></li> <li>Paper 6: "The Effect of R&amp;D Management Competency on Researchers' Satisfaction: Based on the Characteristics of Institutes" by <b>Byung Yong Hwang*, Narae Lee, Sung Hun Park, Mee Hyang Chang</b></li> <li>Paper 7: "An empirical study on Z-generation's consuming motives and attitude towards</li> </ul> |

| 7.09(Sat.) | *Venue: Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK   |  |  |  |
|------------|---|--|--|--|
|            | Programs  |  |  |  |
|            | <p>An Empirical Study on Python Community" by <b>Tao Li &amp; Ma Lei</b></p> <ul style="list-style-type: none"> <li>Paper 7: "Digital empowerment in rural revitalisation" by <b>Yun Zhao, Huijie Yuan &amp; Ting Yang</b></li> <li>Paper 8: "Which Factor Is More Important For M&amp;A Performance of Biopharmaceutical Firms?: Capability and Relationship-Related Factors" by <b>Eungdo Kim, Jimin Choi, Namjun Cha*, Kwangsoo Shin</b></li> <li>Paper 9: "The Optimal R&amp;D configuration strategy under uncertainty: Comparison between innovative and non-innovative firms" by <b>Eungdo Kim*</b></li> <li>Paper 10: "Digital transformation in the R&amp;D planning and innovation policy: Comparison between China and European Union" by <b>Ben Zhang</b></li> <li>Paper 11: "Impacts of COVID-19 on WVC incidents in the Expressways of South Korea" by <b>Hyomin Park, SangDon Lee</b></li> <li>Paper 12: "The Finance Public Service System with Digital Transformation for International</li> </ul> | <p>Their Dietary Satisfaction?" by <b>Harry Jeong; Kwangsoo Shin*</b></p> <ul style="list-style-type: none"> <li>Paper 7: "Exploring Diverse Types of Residential Treatment Centers for COVID-19 in South Korea" by <b>Jaeyong Lee &amp; Kwangho Jung</b></li> <li>Paper 8: "Could Riga Become a Smart Tourism Destination without Being Sustainable in the Era of Digital Transformation?" by <b>LIU Yuan Yuan , LACE Natalja, Ling WU*, CHEN Lu Lu</b></li> <li>Paper 9: "Research on Builder difference and Development Strategy of Industrial Parks from the Perspective of Innovation Ecosystem" by <b>Chaonan Yi, Lei Ma*</b></li> <li>Paper 10: "Improving an online shopping platform design based on the user experience of the elderly" by <b>Zhou Chao, Kim Taesun</b></li> <li>Paper 11: "Two-pronged Approach: Research on the</li> </ul> | <ul style="list-style-type: none"> <li>Paper 7: "Patent lawsuit risk early-warning system based on patent mining: A case of Artificial Intelligence" by <b>Chenxu Ming, Ben Zhang*</b></li> <li>Paper 8: "Predicting insolvent companies and analyzing factors influencing insolvency using auto-encoder" by <b>Chan-Ho Lee, Ji-Hye Choi, Min-Seung Kim, Yong-Ju Jang, Sun-Hong Lee, Jeong-Hee Lee, Tae-Eung Sung*</b></li> <li>Paper 9: "Job Satisfaction and Job Autonomy in Korean Science and Technology Research Institutions" by <b>Jineui Hahm, Kwangho Jung</b></li> <li>Paper 10: "Business Model Innovation for Riga as a Sustainable Smart Tourism Destination after the COVID-19 Pandemic" by <b>LIU Yuan Yuan, LACE Natalja, Ling WU*, CHEN Lu Lu</b></li> <li>Paper 11: "Regional Pollution and Environmental Investment of</li> </ul> | <p>electric vehicles in China" by <b>ZHOU Tao, CHENG Rui, BAI Yu, ZHONG Yuan, CHEN Ya Mei, YUAN Zhong Yi, DENG Ying Xue, YUAN Mao Xiang, LIU Yuan Yuan*</b></p> <ul style="list-style-type: none"> <li>Paper 8: "Predicting Tourist Numbers by Applying Big Data? An Empirical Research based on 2SLS" by <b>LIU Yuan Yuan, Fang-Mei Tseng*, Yi-Heng Tseng</b></li> <li>Paper 9: "The effect of green innovation on financial performance through double-mediation of innovation and non-financial performance" by <b>Yuhan Liu, Choo Yeon Kim, Jae Wook Yoo*</b></li> <li>Paper 10: "Rediscovering patriarchal leadership: Focusing on Chinese IT companies" by <b>Kexiang Zhao and Junic Kim*</b></li> <li>Paper 11: "Influence of board power of non-actual controller on green governance of state-</li> </ul> |

| 7.09(Sat.)  | *Venue: Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK  |  |   |
|---|--|--|---|
| Programs  | Influence of the Interaction between Green Contracting and CSR Management Committee on Green Innovation" by <b>Li Weian, Zhou Ning</b>   | SOEs in China: Political rent-seeking or Stakeholder Maintenance?" by <b>Weian Li, Wendi Hou</b>   | owned listed companies" by <b>Weian Li, Minghui Yi</b>  |
| <ul style="list-style-type: none"> <li>Paper 13: "Closing the Global Opportunity Gap in Open Innovation based STEM Education for Displaced Youth: A Curriculum for Ugandan Children" by <b>Minseo Jung &amp; Steve Goldblatt</b></li> <li>Paper 14: "Analysis of Financial Value of Public Company with e-Commerce Platforms: The case of Affirm Holdings" by <b>Minseo Jung, Omri Even-Tov</b></li> <li>Paper 15: "Determining the Priorities of Potential Markets for Brain Imaging Techniques: In Cognitive Neuroscience" by <b>Yuhua Huang &amp; Jonathan C. Ho</b></li> <li>Paper 16: "The relationship and knowledge sharing and technology readiness in regional innovation system" by <b>Junghee Han</b></li> </ul> | <ul style="list-style-type: none"> <li>Paper 12: "A Study on the Role of Female Workforce in Korea's ICT Industry" by <b>Dae Soo, Choi</b></li> <li>Paper 13: "Asymmetries and Macroeconomic Impact of Oil Price Transmission in Oil-Exporting Emerging Economies" by <b>Emmanuel Agboola, Rosen Chowdhury, Bo Yang</b></li> <li>Paper 14: "Does Energy Poverty Hinder Reduction of Carbon Emissions? The Case of China" by <b>Jian Yang, Xin Liu*</b></li> <li>Paper 15: "Relational view and open innovation: implications for theory and practice" by <b>Valentina Della Corte, Giovanna Del Gaudio, Fabiana Sepe, Enrico Di Taranto</b></li> </ul> | <ul style="list-style-type: none"> <li>Paper 12: "Prediction of S hotel Occupancy based on Web search Data" by <b>MENG Yun, LIU Yuan Yuan</b></li> <li>Paper 13: "Open Innovation Dynamics and Evolution in the Smart Payment Industry - comparative analysis among Daegu, Cardiff, and Nanjing" by <b>JinHy Jo, Joseph Yun(Corr.), Xiaofei Zhao, Lei Ma, Zheng Liu, Bo Yang</b></li> <li>Paper 14: "Prediction of community-level seasonal changes based on detailed climate change scenarios in Korea" by <b>Sang-Don Lee</b></li> <li>Paper 15: "Rediscovering patriarchal leadership: Focusing on Chinese IT companies" by <b>Kexiang Zhao and Junic Kim*</b></li> </ul> | <ul style="list-style-type: none"> <li>Paper 12: "Factors affecting successful clinical trial" by <b>Eungdo Kim, Sungjin Park, Jaehoon Yang*, Kwangsoo Shin</b></li> <li>Paper 13: "Quadruple Compass of Business Model Design, and Innovation: Design Thinking for Creative Open Innovation, and Open Business Model" by <b>Jinhyo Joseph Yun*, Juhyun Eune*, Xiaofei Zhao</b></li> <li>Paper 14: "Open innovation and artificial intelligence for senior citizens" by <b>Valentina Della Corte, Giovanna Del Gaudio, Enrico Di Taranto</b></li> <li>Paper 15: "Smartness in tourism destinations: A literature review" by <b>Valentina Della Corte, Giovanna Del Gaudio, Fabiana Sepe, Enrico Di Taranto</b></li> </ul> |

\*Grey Color papers → Registration required before presentations.

|                           | Programs   |  |
|---------------------------|--|--|
| 7.09(Sat.)<br>10:30~11:00 | <p>*Venue: Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK</p> <p>Poster Presentation Award Ceremony</p> <p>•Venue: Faraday Lecture Theatre, Faraday Building, Swansea University, Singleton Park Campus<br/>*Presiders: Valentina Della Corte((University of Naples Federico II, Italy) &amp; Hun Park(KISTI, Korea)</p> <p>Onlin participation: Zoom<br/>Zoom link: <a href="https://swanseauniversity.zoom.us/j/96751922599?pwd=K2htZUyeXB0YUjPR0JYRTI2VUFmZz09">https://swanseauniversity.zoom.us/j/96751922599?pwd=K2htZUyeXB0YUjPR0JYRTI2VUFmZz09</a><br/>Meeting ID: 967 5192 2599; Passcode: 843211</p> <p>Audience Facebook Live: Open Innovation-first</p> <p>Method: [Friends Search → "Open Innovation-first" → Select the search result with the name of "Open Innovation-first" → add friend → visiting the live videos]</p> <p><b>Open Innovat...</b> </p> <p><b>Open Innovation-first</b></p> |  |
| 11:00~17:00               | <p>Cultural Tour "Tenby"</p> <p>*Presiders: XiaoFei Zhao(DGIST, Korea) &amp; Zheng Liu(Cardiff Metropolitan University, UK)</p>  |  |

|            |   |   |
|------------|---|---|
| 7.09(Sat.) | <p><b>Programs</b></p> <p>*Venue: Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK</p> |  <ol style="list-style-type: none"> <li>1. (Swansea Univ. Singleton Park Campus → Tenby) The bus departure<br/> <ul style="list-style-type: none"> <li>• Bus waiting until 10:50 at swansea Univ. Singleton Park Campus (for bus parking lot, please refer to Appendix 2.).</li> </ul> </li> <li>2. 14:00~ Participants may act for themselves,<br/> <ul style="list-style-type: none"> <li>• The Baggage can be loaded in the bus and participants can go to another place whenever you would like to.</li> </ul> </li> <li>3. 17:00~18:00(Tenby → The Marriott Swansea Hotel)</li> </ol> <p>4. Only for the First 50 applicants who had sent the applications can participate in the tour.<br/>         Contact: <a href="mailto:openinnovationtmc@dgist.ac.kr">openinnovationtmc@dgist.ac.kr</a> or Zoom id:qjaoke@dgist.ac.kr<br/>         ※ Lunch box &amp; water will be provided;</p> <p style="text-align: center;"><b>Audience Facebook Live: Open Innovation-d</b></p> <p>Method: [Friends Search → "Open Innovation-d" → Select the search result with the name of "Open Innovation-d" → add friend → visiting the live videos]</p>  <p style="text-align: right;"><b>Open Innovation-d</b></p> |
|------------|---|---|

July 04 (Monday) ~ July 05(Tuesday)

(Venue: Faraday Room B, Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK; Time: 09:00~17:00)


## Open Innovation Academy of SOI 2022 Summer School Programme


President: Assistant Professor of Open Innovation Academy, Xiaofei Zhao


\* Everyday will check the attendance, full attendants will be awarded "SOI Open Innovation Academy Alumni Certificate" on July 05th, 2022

Coffee time(10:30~ & 14:40~) & Lunch time(12:10~13:10) on July 4 & 5, 2022

\*All Lecture Materials could be downloaded through [http://openinnovation-tmc.org/HOME/soitmc/sub/sub.htm?nav\\_code=soi1645765607](http://openinnovation-tmc.org/HOME/soitmc/sub/sub.htm?nav_code=soi1645765607)


| Date                    | Time        | Lecturer  |
|-------------------------|-------------|---|
| July<br>4(Mon.)<br>2022 | 09:00~10:30 | <p><b>JinHyo Joseph Yun</b> (Korea)</p> <ul style="list-style-type: none"> <li>• Tenured Principal Researcher, DGIST &amp; Principal Professor at Open Innovation Academy of SOI</li> <li>• Visiting Professor at Graduate School of Public Administration of Seoul National University, Korea</li> <li>• The founder of Open Innovation Dynamics; The author of Business Model Design Compass</li> <li>• Organizing President of Society of Open Innovation: Technology, Market, and Complexity(SOI)</li> <li>• Editor-in-Chief of Journal of Open Innovation: Technology, Market, and Complexity(JOI)</li> </ul>  <p>Lecture Materials</p> |


| Date | Time        | Lecturer   |
|------|-------------|--|
|      |             | <p>1. Yun, J. J., Zhao, X., Ma, L., Xu, Z., &amp; Liu, Z. (2022). <a href="#">Open innovation and multi-homing of delivery platforms: comparative study of Cardiff, Daegu and Nanjing</a>. <i>European Planning Studies</i>, 1-22.</p> <p>2. Yun, J. H. J., Zhao, X., Kim, S. A., &amp; Sadoi, Y. (2022). <a href="#">Open Innovation Dynamics of Furniture Design and Function: The Difference between IKEA and Nitori</a>. <i>Science, Technology and Society</i>, 09717218221074906</p> <p>3. Yun, J. J., Zhao, X., Park, K., Del Gaudio, G., &amp; Sadoi, Y. (2021). <a href="#">New dominant design and knowledge management; a reversed U curve with long head and tail</a>. <i>Knowledge Management Research &amp; Practice</i>, 1-15.</p>  |
|      | 10:40~12:10 | <p><b>Bo Yang</b> (Swansea University, UK)</p> <ul style="list-style-type: none"> <li>• Senior Lecturer at Swansea University, UK</li> <li>• Director of Centre for Research in Macroeconomics and Macro-Finance (CReMMF), Swansea University</li> <li>• Former Lecturer at Lecturer at the University of Surrey from 2012-15</li> </ul>  <p><b>Lecture Materials</b></p> <p>1. Bhattarai, K., Mallick, S. K., &amp; Yang, B. (2021). <a href="#">Are global spillovers complementary or competitive? Need for international policy coordination</a>. <i>Journal of International Money and Finance</i>, 110, 102291.</p> <p>2. Cantore, C., Levine, P., Pearlman, J., &amp; Yang, B. (2015). <a href="#">CES technology and business cycle fluctuations</a>. <i>Journal of Economic Dynamics and Control</i>, 61, 133-151.</p> |
|      | 13:10~14:40 | <p><b>Philip Cooke</b>(Bergen University College, Norway)</p> <ul style="list-style-type: none"> <li>• Professor, Bergen University College, Norway</li> <li>• Editor-in-Chief of <i>European Planning Studies</i>(SSCI)</li> <li>• European Parliament Regional Development Committee, till 2019</li> <li>• Official Adviser to European Parliament Regional Development Committee Award in 2015</li> </ul>   |

| Date        | Time | Lecturer  |
|-------------|------|---|
|             |      |  <p><b>Lecture Materials:</b></p> <ol style="list-style-type: none"> <li>1. Sérgio Nunes, Philip Cooke &amp; Fábio Tomaz(2021). <a href="#">Celebrities and GreenSphere Tourism</a>, Regional Science, Regional Policy, 1-17. doi: 10.1111/rsp3.12454.</li> <li>2. Nunes, S., Cooke, P., Grilo, H. (2021) <a href="#">Green-Sphere Circular Experiences and Well-Being Along the Road: Portugal from North to South</a>. In: Leitão, J., Ratten, V., Braga, V. (eds) Tourism Innovation in Spain and Portugal. Tourism, Hospitality &amp; Event Management. Springer, Cham. <a href="https://doi.org/10.1007/978-3-030-80733-7_6">https://doi.org/10.1007/978-3-030-80733-7_6</a></li> </ol>   |
| 14:50~16:20 |      | <p><b>Andreas Pyka</b> (University of Hohenheim, Germany)</p> <ul style="list-style-type: none"> <li>• Professor, University of Hohenheim, Germany</li> <li>• Deputy Head of International Diplomacy Academy(2011~)</li> <li>• Visiting Researcher at CIRST at the University of Quebec, Montreal</li> </ul>  <p><b>Lecture Materials</b></p> <ol style="list-style-type: none"> <li>1. Pyka, A., Ari, E., Alva-Ferrari, A. and Urmetzer, S. (2022), <a href="#">The bioeconomy transition process – Sailing through storms and doldrums in unknown waters</a>, Journal of Innovation Economics and Management, Vol. 36 (forthcoming)</li> <li>2. Wilke, U., Schlaile, M., Urmetzer, S., Müller, M., Bogner, K. and Pyka, A. (2021), <a href="#">Time to Say 'Good Buy' to the Passive Consumer? A Conceptual Review of the Consumer in the Bioeconomy</a>, Journal of Agricultural and Environmental Ethics, Vol. 34 (forthcoming) DOI: 10.1007/s10806-021-09861-4</li> <li>3. Urmetzer, S., Lask, J., Vargas-Carpintero, R. and Pyka, A. (2020), <a href="#">Learning</a></li> </ol> |



| Date              | Time        | Lecturer   |
|-------------------|-------------|--|
|                   |             | <p><a href="#">to change: Transformative knowledge for building a sustainable bioeconomy</a>, Ecological Economics, 167.</p>   |
|                   | 16:30~17:00 | <b>Discussion</b>  |
| July 5(Tue.) 2022 | 09:00~10:30 | <p><b>Ulrich Witt</b> (Max Planck Institute of Economics Jena, Germany)</p> <ul style="list-style-type: none"> <li>• Professor of Economics &amp; Director emeritus, Max Planck Institute of Economics Jena, Germany</li> <li>• Adjunct Professor at Griffith Business School, Griffith University(Australia)</li> <li>• Co-Editor of Journal of Bioeconomics</li> </ul>  <p><b>Lecture Materials</b></p> <ol style="list-style-type: none"> <li>1. Ulich Witt (2021). <a href="#">Does Sustainability-Promoting Policy Making Reduce Our Welfare?</a> Ecological Economics 188, <a href="https://doi.org/10.1016/j.ecolecon.2021.107130">https://doi.org/10.1016/j.ecolecon.2021.107130</a> (open access).</li> <li>2. Ulich Witt &amp; Christian Gross (2020). <a href="#">The Rise of the Service Economy in the Second Half of the 20th Century and Its Energetic Contingencies</a>. Journal of Evolutionary Economics 30, 231-246, DOI 10.1007/s00191-019-00649-4 (open access)</li> <li>3. Ulich Witt (2017). <a href="#">Capitalism as a Complex Adaptive System and Its Growth</a>, Journal of Open Innovation: Technology, Market and Complexity 3, DOI 10.1186/s40852-017-0065-0 (open access).</li> </ol> |
|                   | 10:40~12:10 | <p><b>KwangHo Jung</b> (Seoul National University, Korea)</p> <ul style="list-style-type: none"> <li>• Professor &amp; Dean, Graduate School of Public Administration at Seoul National University, Korea</li> <li>• Professor, Seoul National University, Korea</li> <li>• Executive Board of Director of Korean Association for Public Administration(KAPA)</li> <li>• Executive President of Society of Open Innovation: Technology, Market, and Complexity(SOI) from 2021</li> </ul>   |

| Date | Time        | Lecturer   |
|------|-------------|--|
|      |             |  <p><b>Lecture Materials</b></p> <ol style="list-style-type: none"> <li>Jung, K., Lee, S. H., &amp; Workman, J. E. (2016). · <a href="#">Exploring neglected aspects of innovation function: Public motivation and non-pecuniary values</a>. <i>Science, Technology and Society</i>, 21(3), 435-464.</li> <li>Jung, K., Lee, S. H., &amp; Workman, J. E. (2018). · <a href="#">Exploring a relationship between creativity and public service motivation</a>. <i>Knowledge Management Research &amp; Practice</i>, 16(3), 292-304.</li> <li>Lee, S. H., Workman, J., &amp; Jung, K. (2016). <a href="#">Perception of time, creative attitudes, and adoption of innovations: A cross-cultural study from Chinese and US college students</a>. <i>Sustainability</i>, 8(11), 1193.</li> </ol>  |
|      | 13:10~14:40 | <p><b>Prof. Venni V Krishna</b> (University of New South Wales, Australia)</p> <ul style="list-style-type: none"> <li>FASS at the University of New South Wales, Australia</li> <li>Former Professor, Jawaharlal Nehru University, India</li> <li>Editor-in-Chief of <i>Science, Technology and Society</i>(SSCI)</li> </ul>  <p><b>Lecture Materials:</b></p> <ol style="list-style-type: none"> <li>Krishna, V. V. (2014). <a href="#">Changing social relations between science and society: Contemporary challenges</a>. <i>Science, Technology and Society</i>, 19(2), 133-159.</li> <li>Krishna, V. V., Patra, S. K., &amp; Bhattacharya, S. (2012). <a href="#">Internationalisation of R&amp;D and global nature of innovation: Emerging trends in India</a>. <i>Science, Technology and Society</i>, 17(2), 165-199.</li> <li>Krishna, V. V. (2020). <a href="#">Open science and its enemies: challenges for a sustainable science–society social contract</a>. <i>Journal of Open Innovation: Technology, Market, and Complexity</i>, 6(3), 61.</li> </ol> |

| Date | Time        | Lecturer   |
|------|-------------|--|
|      | 14:50~16:20 | <p><b>Fred Phillips</b> (University of New Mexico, USA)</p> <ul style="list-style-type: none"> <li>• Professor at University of New Mexico, Albuquerque, New Mexico, USA</li> <li>• Editor-in-Chief of "Technological Forecasting and Social Change" (SSCI)</li> <li>• Visiting Scientist at the Chinese Academy of Sciences in Beijing</li> <li>• 2017 winner of the Kondratieff Medal</li> <li>• Senior Fellow at the IC2 Institute of the University of Texas at Austin, and a PICMET Fellow</li> </ul>  <p><b>Lecture Materials</b></p> <ol style="list-style-type: none"> <li>1. Ghazinoory, S., Phillips, F., Afshari-Mofrad, M., &amp; Bigdelou, N. (2021). <a href="#">Innovation lives in ecotones, not ecosystems</a>. Journal of Business Research, 135, 572-580.</li> <li>2. Oh, D. S., Phillips, F., Park, S., &amp; Lee, E. (2016). <a href="#">Innovation ecosystems: A critical examination</a>. Technovation, 54, 1-6.</li> <li>3. Heetun, S., Phillips, F., &amp; Park, S. (2018). <a href="#">Post-disaster Cooperation Among Aid Agencies</a>. Systems Research and Behavioral Science, 35(3), 233-247.</li> </ol> |
|      | 16:30~17:00 | Discussion, Alumni Awarding & Farewell   |

\*Might be changed in reality

July 06(Wednesday)

## Industry Visiting

### “Penderyn distillery whisky factory”



1. (08:00~)The Marriott Swansea Hotel → (08:30~)Swansea Univ. Singleton Park Campus → Penderyn distillery whisky factory
  - Bus waiting until 08:00 in front of The Marriott Swansea Hotel (Maritime Quarter, Swansea SA1 3SS United Kingdom)
  - Bus waiting until 08:30 at Swansea Univ. Singleton Park Campus (for bus parking lot, please refer to Appendix 3.)
2. 09:30~12:00 Penderyn distillery whisky factory
  - Bus departure at 12:00 from the parking lot of Penderyn distillery whisky factory
  - \*11:00~12:00 Lunch time (Lunch box & water will be provided; \*11.5 Pounds of guide and tasting fee in whisky factory would be paid by SOI.)
3. 12:00~13:00 (Penderyn distillery whisky factory → Swansea Univ. Singleton Park Campus
4. Only for the First 50 applicants who had sent the applications can participate in the tour.

Contact: [openinnovationtmc@dgist.ac.kr](mailto:openinnovationtmc@dgist.ac.kr) or Zoom id: [qiaoke@dgist.ac.kr](https://join.zoom.us/j/qiaoke@dgist.ac.kr)

## July 06(Wednesday)

(Venue: Faraday 001, Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK; Time: 13:00~14:00)

## Welcome Reception + Preliminary Registration

- Registration (Registration Desk: Foyer of Faraday Building).
- Coffee and dessert will be provided in Faraday 001.

**July 06(Wednesday)**

(Venue: Faraday Lecture Theatre, Faraday Room B, Faraday Room C, Faraday Room D;  
Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK;  
Time: 14:00~15:30)



## **Presentation (4 Sessions)**

- Please check page 24~25 for more details.

**July 06(Wednesday)**

(Venue: Faraday Lecture Theatre, Faraday Building, Swansea University, Singleton Park Campus, Singleton Park, SWANSEA, SA2 8PP, Wales, UK; Time: 16:00~17:00)

## Keynote Speech

|   |  |
|---|--|
|   | <p><b>Keynote Speech 1</b> (16:00~16:30) <b>Philip Cooke</b> (Bergen University College, Norway) •Theme: The digital envelope: From 'Fashion City' to digital 'Green Influence' to 'New Garden Cities' after COVID</p> <p><b>Honor Discussing time: July 06, 14:00~15:30</b><br/><b>Venue: Faraday Lecture Theatre</b></p> |
|  | <p><b>Keynote Speech 2</b> (16:30~17:00) <b>KwangHo Jung</b> (Seoul National University, Korea) •Theme: Two Pillars of Innovation Process Research: From Motivational Theory to Institutional Perspective</p> <p><b>Honor Discussing time: July 06, 14:00~15:30</b><br/><b>Venue: Faraday Room C</b></p>                   |

July 06(Wednesday)

(Venue: "Hanson at The Chelsea", Address: 17 St. Mary Street, Swansea, SA1 3LH, Wales, UK; +44 01792 464 068; Time: 17:30~)

## Invited VIP Dinner by the president of SOI

\*We will contact the invited VIPs separately.



For more details, please check <https://www.hansonatthechelsea.co.uk/>

\* Joint Taxi will be prepared from Swansea Univ. Singleton Park Campus → restaurant.



## July 07(Thursday)

(Venue: Registration Desk(Foyer of Faraday Building), Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK; Time: 08:00~09:00)

# Registration

- Registration (Registration Desk: Foyer of Faraday Building).
- Coffee and dessert will be provided in Faraday 001.

**July 07(Thursday)**

(Venue: Faraday Lecture Theatre, Faraday Room B, Faraday Room C, Faraday Room D;  
Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK;  
Time: 09:00~10:30)




## **Presentation (4 Sessions)**

- Please check page 28~29 for more details.

July 07(Thursday)

(Venue: Faraday Lecture Theatre, Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK; Time: 11:00~13:00)

## Opening Ceremony & Keynote Speech

| <b>Opening Ceremony(11:00~11:20)</b>   |  |
|--|--|
| Welcoming Speech by the Organizing President of SOI - Prof. Dr. JinHyo Joseph Yun – (11:00~11:05)                      |  |
| Welcoming Speech by the Executive President of SOI - Prof. KwangHo Jung (11:05~11:10)                                  |  |
| Welcoming Speech by the Swansea University Hosting Chair-Dr. Bo Yang (11:10~11:15)                                     |  |
| Congratulatory Speech by the Head of the School of Social Sciences, Swansea University-Prof. Ryan Murphy (11:15~11:20) |  |
| <b>Keynote Speech(11:30~13:00)</b>   |  |
|                                      | <p><b>Keynote Speech 3</b> (11:30~12:00) <b>JinHyo Joseph Yun</b> (DGIST, Korea) •Theme: Regulation conversion at telemedicine of UK and Korea in digital transformation; -The way to growing up new industry with open innovation dynamics"</p> <p><b>Honor Discussing time: July 07, 09:00~10:30</b><br/><b>Venue: Faraday Lecture Theatre</b></p> |
|                                     | <p><b>Keynote Speech 4</b> (12:00~12:30) <b>Fred Phillips</b> (University of New Mexico, USA) •Theme: Climate Dialog, Climate Action: Can democracy do the job?</p> <p><b>Honor Discussing time: July 07, 15:30~17:00</b><br/><b>Venue: Faraday Room B</b></p>   |
|                                     | <p><b>Keynote Speech 5</b> (12:30~13:00) <b>Andreas Pyka</b> (University of Hohenheim, Germany) •Theme: Growth, development and transformation. What is important now?</p> <p><b>Honor Discussing time: July 07, 09:00~10:30</b><br/><b>Venue: Faraday Room B</b></p>  |

**July 07(Thursday)**

(Venue: Faraday Lecture Theatre, Faraday Room B, Faraday Room C, Faraday Room D;  
Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK;  
Time: 15:30~17:00)

## **Presentation (4 Sessions)**

- Please check page 31~32 for more details.

**July 08(Friday)**

(Venue: Registration Desk(Foyer of Faraday Building), Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK; Time: 08:00~09:00)

## Registration

- Registration (Registration Desk: Foyer of Faraday Building).
- Coffee and dessert will be provided in Faraday 001.

**July 08(Friday)**

(Venue: Faraday Lecture Theatre, Faraday Room B, Faraday Room C, Faraday Room D;  
Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK;  
Time: 09:00~10:30)




## **Presentation (4 Sessions)**

- Please check page 33~34 for more details.

July 08(Friday)

(Venue: Faraday Lecture Theatre, Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK; Time: 11:00~12:30)

## Keynote Speech

|   |  |
|---|--|
|   | <p><b>Keynote Speech 6</b> (11:00~11:30) <b>Ulrich Witt</b> (Max Planck Institute of Economics Jena, Germany) •Theme: Innovative Capitalism Needs Institutional Co-evolution</p> <p><b>Honor Discussing time: July 8, 13:30~15:00</b><br/><b>Venue: Faraday Room D</b></p>   |
|  | <p><b>Keynote Speech 7</b> (11:30~12:00) <b>Venni V Krishna</b> (University of New South Wales, Australia) •Theme: STI Policies and the Rise of Chinese Universities: Entrepreneurship and Innovation Strategies [<i>Online Speech</i>]</p> <p><b>Honor Discussing time: July 8, 09:00~10:30</b><br/><b>Venue: Faraday Lecture Theatre</b><br/><i>Online</i></p> |
|  | <p><b>Keynote Speech 8</b> (12:00~12:30) <b>Bo Yang</b> (Swansea University, UK) •Theme: Open Innovation in time of Crisis</p> <p><b>Honor Discussing time: July 8, 13:30~15:00</b><br/><b>Venue: Faraday Room C</b></p>   |

**July 08(Friday)**

(Venue: Faraday Lecture Theatre, Faraday Room B, Faraday Room C, Faraday Room D;  
Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK;  
Time: 13:30~15:00)

## **Presentation (4 Sessions)**

- Please check page 35~37 for more details.



**July 08(Friday)**

(Venue: Faraday Lecture Theatre; Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK; Time: 15:00~15:30)

## **SOI 2022 Award Committee Meeting (only for 6 committee members)**

### **Committee members:**

1. Organizing Presiden: Prof. Dr. JinHyo Joseph Yun
2. Executive President: Prof. KwangHo Jung
3. Next-executive President: Prof. SangDon Lee
4. Hosting Chair of SOI 2022: Dr. Bo Yang
5. Hosting Chair of SOI 2021: Prof. Natalja Lace
6. Hosting Chair of SOI 2023: Prof. Valentina Della Corte

**July 08(Friday)**

(Venue: Faraday Lecture Theatre, Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK; Time: 15:30~17:00)

## General Meeting of SOI

### ▪ Awards Ceremony

- We will award the superior presentation winners with "Best Paper(Best Paper/Outstanding Paper) Award".
- Awarding the Appreciation Plaques(between SOI 2022 hosting chair(including Vice-hosting chair) & organizing president, special appreciation plaques for prof. Natlaja Lace).

### ▪ Important Decision Issues

- Approval of SOI 2023 will be held in Department of Economics, Management, Institutions (DEMI) of the University Federico II of Naples(UNINA) (Date/Venue: July 12(Wed.) ~ 15(Sat.), Conference Days, 2023, University Federico II of Naples, Naples, Italy)
- Approval of SOI 2024 is planning to be held in Doshisha University, Kyoto, Japan, the hosting chair is Prof. Mari Iizuka & SOI 2025 is planning to be held in University of Beira Interior, Covilha, Portugal, the hosting Chair is Prof. João Carlos Correia Leitão
- Other Important Decision Issues

- Approval of diverse board members additional inviting(the following list is the additional inviting and appointment of 2022)

### \*Honorable Advisory Member Inviting

- Ulrich Witt (Germany)
- Philip Cooke (UK)
- Andreas Pyka (Germany)
- Fred Phillips (USA)
- Venni V Krishna (India)

**\*Board Members Inviting**

- Juhyun Eune (Seoul National University, Korea)
- BongHwan Kim(Seoul National University, Korea)
- Joao Leitao(University of Beira Interior, Portugal)
- Erwei Xiang(Newcastle University, UK)
- Taesun Kim(HanYang University, Korea)
- Elina Gaile-Sarkane(Riga Technical University, Latvia)
- DongHoon Oh(Ministry of Trade, Industry and Energy, Office of Strategic R&D Planning, Korea)
- Kangwon Lee(Korea Institute for Advanced Study, Korea)
- Inga Lapiņa(Riga Technical University, Latvia)
- Seung Hoo Jin(Samsung SDS, Korea)
- Mari Iizuka(Doshisha University, Japan)
- Heongu Lee(Ministry of Trade, Industry and Energy, Office of Strategic R&D Planning, Korea)
- Runhui Lin(NanKai University, China)
- Yuanyuan Liu(Guizhou University, China & Riga Technical University, Latvia)
- SangWoo Kim(KISTI, Korea)

**▪ Notice of SOI & Department of Economics, Management, Institutions (DEMI) of the University Federico II of Naples(UNINA) 2023 Conference**

• Hosted by Department of Economics, Management, Institutions (DEMI) of the University Federico II of Naples(UNINA)

\*Hosting Chair: Prof. Valentina Della Corte & Vice hosting chair: Dr. Giovanna Del Gaudio

• Organized by Society of Open Innovation: Technology, Market, and Complexity (SOI)

\*Organizing President: Prof. Dr. JinHyo Joseph Yun

•Theme: New Way of Open Innovation and Open Business Model after Pandemic for the Recovery of World Economy

• Date: July 12(Wed.) ~ 15(Sat.), Conference Days, 2023, University Federico II of Naples, Naples, Italy

\*July 10~11, Open Innovation Academy of SOI 2023 Summer School Lecture Days;



**July 08(Friday)**

(Venue: Grape & Olive(27th floor with panoramic view over Swansea Bay)“(The Tower, Trawler Rd, Maritime Quarter, Swansea SA1 1JW, UK; +44 1792 462617; Time: 18:00~)

## Gala-Free & Inviting Dinner

- \* Gala-Free & Inviting dinner is for thanks to the contribution of all special session chairs + contributors for organizing special sessions, general sessions and participants(in advance booked for 50 seats & more possible).



\*We will contact the participants separately.

\* Shuttle bus waiting until 17:00 at Swansea Univ. Singleton Park Campus (for bus parking lot, please refer to Appendix 2.)

& take the path from Swansea Univ. Singleton Park Campus -> Grape & Olive

\*After dinner, there is no shuttle bus, the Marriott Swansea Hotel is next to the dinner venue.

For more details, please check <https://sabrainpubs.com/pubs-and-hotels/south-wales/swansea/grape-olive-swansea>

**July 09 (Saturday)**

(Venue: Faraday Lecture Theatre, Faraday Room B, Faraday Room C, Faraday Room D;  
Faraday Building, Swansea University, Singleton Park, SWANSEA, SA2 8PP, Wales, UK;  
Time: 09:00~11:00)

**Poster Session, Common Evaluation  
(4 Sessions)(09:00~10:30)  
&  
Award Ceremony(in Faraday Lecture Theatre)  
(10:30~11:00)**

- Please check page 40~43 for more details.

\*All posters can be announced at the allocated conference rooms from July 6th, 2022.

**July 09 (Saturday)**

(Venue: Tenby, Time: 11:00~17:00)

## Cultural Tour “Tenby”



1.(Swansea Univ. Singleton Park Campus → Tenby) The bus departure

- Bus waiting until 10:50 at swansea Univ. Singleton Park Campus (for bus parking lot, please refer to Appendix 2.).

2. 14:00~ Participants may act for themselves,

- The Baggage can be loaded in the bus and participants can go to another place whenever you would like to.

3. 17:00~18:00(Tenby → The Marriott Swansea Hotel)

4. Only for the First 50 applicants who had sent the applications can participate in the tour.

Contact: [openinnovationtmc@dgist.ac.kr](mailto:openinnovationtmc@dgist.ac.kr) or Zoom id:qiaoke@dgist.ac.kr

※ Lunch box & water will be provided;

• Appendix 1. Hotel Information(including address, contact, webpage)

| No. | Hotel Name  | Address & Contact   | Homepage  |
|-----|---|---|---|
| 1   | <b>The Marriott Swansea</b><br><b>*(Main Hotel)</b> | Maritime Quarter, Swansea<br>SA1 3SS United Kingdom &<br>+44 1792 642020                              | <a href="http://www.marriott.co.uk/hotels/travel/swsdt-swansea-marriott-hotel/">http://www.marriott.co.uk/hotels/travel/swsdt-swansea-marriott-hotel/</a> |
| 2   | The Dragon Hotel                                    | 39 The Kingsway, Swansea<br>SA1 5LS, United Kingdom &<br>+44 1792 657100                              | <a href="http://www.dragon-hotel.co.uk/">http://www.dragon-hotel.co.uk/</a>   |
| 3   | Morgans Hotel<br>Swansea                            | SOMERSET PLACE,<br>SWANSEA, SA1 1RR & +44<br>01792 484848   | <a href="http://www.morganshotel.co.uk/">http://www.morganshotel.co.uk/</a>   |
| 4   | Premier Inn<br>Swansea Waterfront                   | The Waterfront Development,<br>Langdon Road, SA1 8QY &<br>+44 0333 003 8101                           | <a href="http://www.premierinn.com">http://www.premierinn.com</a>   |
| 5   | Premier Inn<br>Swansea City<br>Centre               | The City Gates, Wind Street,<br>Swansea SA1 1EE & +44 0333<br>003 8101                                | <a href="https://www.premierinn.com">https://www.premierinn.com</a>   |
| 6   | Ibis Hotel Swansea                                  | Fabian Way, A483, SOUTH<br>WALES, SA1 8LD<br>SWANSEA, UNITED<br>KINGDOM & +441792957020               | <a href="https://all.accor.com/hotel/6653/index.en.shtml#origin=ibis">https://all.accor.com/hotel/6653/index.en.shtml#origin=ibis</a>                     |
| 7   | The Village Hotel                                   | Langdon Road, Swansea ,<br>SA1 8QY & +44 792957020  | <a href="https://www.village-hotels.co.uk/hotels/swansea/">https://www.village-hotels.co.uk/hotels/swansea/</a>   |
| 8   | The Towers Hotel &<br>Spa                           | The Towers Hotel &<br>Spa, Jersey Marine, Swansea<br>Bay, South Wales, SA10 6JL &<br>+44 01792 814155 | <a href="http://www.thetowersswanseabay.com/">http://www.thetowersswanseabay.com/</a>   |



• **Appendix 2. Conference Venue Map with Address**

- Each room organizer list including

**Conference Venue: Faraday Building(8.1), Swansea University, Singleton Park Campus, Wales, UK**

**\*Address: SWANSEA UNIVERSITY, Singleton Park, SWANSEA, SA2 8PP, Wales, UK**

• **July 04~05, 2022(Summer School)**

**1). Faraday Room B**

• **July 06~09, 2022(\*Totally 4 Conference Rooms, Main Conference Days):**

**1) Faraday Lecture Theatre**(Opening Ceremony, Keynote speech, Session Presentation, General Meeting of SOI with Awards, Poster Session);

**2) Faraday Room B** (Session Presentation, Poster Session);

**3) Faraday Room C**(Session Presentation, Poster Session);

**4) Faraday Room D**(Session Presentation, Poster Session).

**\*Posters are available to be exhibited in every room from July 06, 2022**

**\* Welcome Reception, Lunch, Coffee Break Time are all in Faraday 001.**

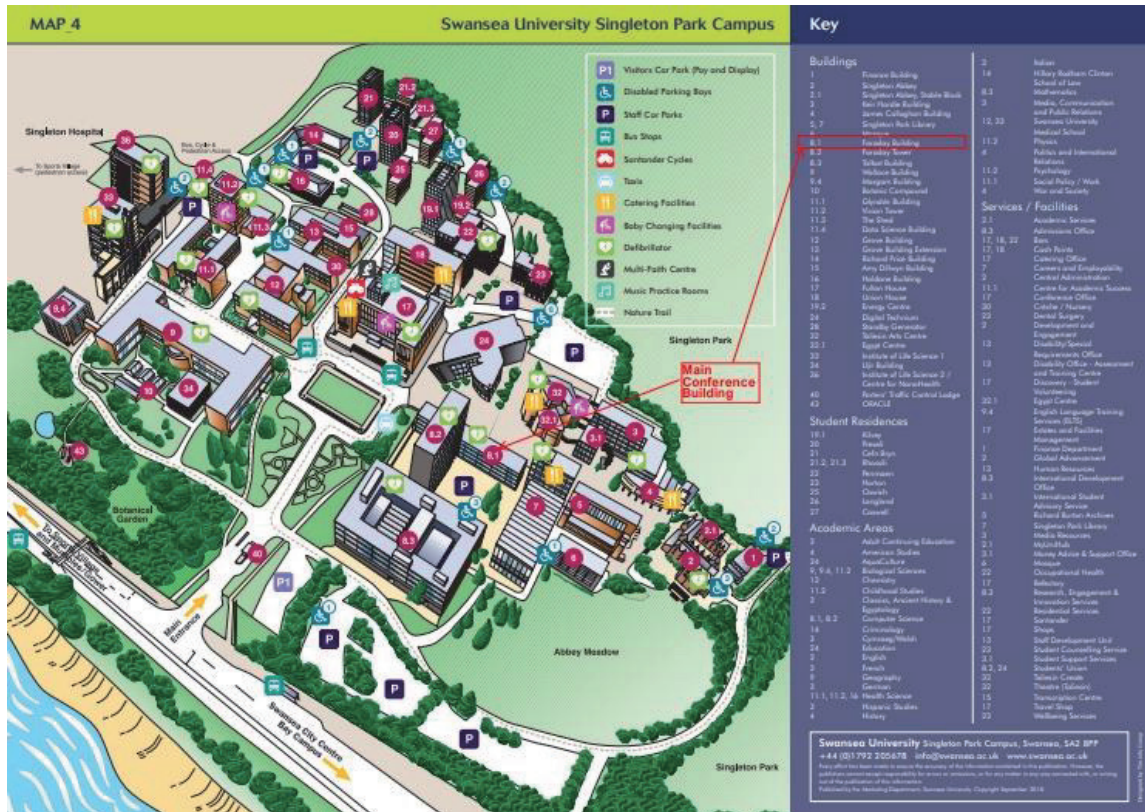
**\* Registration Desk is at the Foyer.**

### Organizer List:

| Room Name               | Organizer Name  | Charge for  |  |
|-------------------------|---|---|--|
|                         |   | Zoom  | Facebook   |
| Faraday Lecture Theatre | Rosen Chowdhury (Swansea Univ.) & XIAOFEI ZHAO (DGIST)                                    | <b>Zoom link:</b><br><a href="https://swanseauniversity.zoom.us/j/96751922599?pwd=K2hxTzUyeXB0YUIPR0JYRTI2VUFmZz09">https://swanseauniversity.zoom.us/j/96751922599?pwd=K2hxTzUyeXB0YUIPR0JYRTI2VUFmZz09</a><br><b>Meeting ID: 967 5192 2599</b><br><b>Passcode: 843211</b> | Open Innovation-first (including Opening Ceremony, Keynote Speech, General Meeting of SOI) |
| Faraday Room B          | Dilshad Jahan (Swansea Univ.) & Jineui Hahm (Seoul National Univ.)                        | <b>Zoom link:</b><br><a href="https://swanseauniversity.zoom.us/j/92718501281?pwd=dDh5NGcvYjA4SFp3WWRPak5wamsrQT09">https://swanseauniversity.zoom.us/j/92718501281?pwd=dDh5NGcvYjA4SFp3WWRPak5wamsrQT09</a><br><b>Meeting ID: 927 1850 1281</b><br><b>Passcode: 160550</b> | Open Innovation-b (including Industry tour, VIP Dinner)                                    |
| Faraday Room C          | Amy Jones(Swansea Univ.) & Saimi Woo (BISTEP)   | <b>Zoom link:</b><br><a href="https://swanseauniversity.zoom.us/j/99179549674?pwd=dkgxdTURkZlsWTFVOEtrcG9qaDI2Zz09">https://swanseauniversity.zoom.us/j/99179549674?pwd=dkgxdTURkZlsWTFVOEtrcG9qaDI2Zz09</a><br><b>Meeting ID: 991 7954 9674</b><br><b>Passcode: 702653</b> | Open Innovation-third (including Gala-Free & Inviting Dinner)                              |
| Faraday Room D          | Lyn Ryland(Swansea Univ.) & Zheng Liu (Metropolitan Univ.) & KyungBae Park (SangJi Univ.) | <b>Zoom link:</b><br><a href="https://swanseauniversity.zoom.us/j/98797044207?pwd=azhILOhubG1temMyZzM1d3RwT0FlZz09">https://swanseauniversity.zoom.us/j/98797044207?pwd=azhILOhubG1temMyZzM1d3RwT0FlZz09</a><br><b>Meeting ID: 987 9704 4207</b><br><b>Passcode: 740094</b> | Open Innovation-d (including Culture Tour)   |
| Registration Desk       | Rajib Islam(Swansea Univ.)  | Registration & Redundancy Role  |  |

# SOI & Swansea University 2022 Conference

July 6(Wed.) ~ 9(Sat.), Conference Days, 2022 Swansea University, Wales, UK & Online(Zoom)



1) Faraday Lecture Theatre



2) Faraday Room B(as well as the summer school room)



3) Faraday Room C



4) Faraday Room D



**Reference:**

1) Faraday building outside



2) Reception Desk(Foyer)



3) Coffee room(Faraday 001)



• **Appendix 3. Transportations to Main Conference Venue**

- Tour, dinner and etc. shuttle bus, bus parking lot including

1) **By airport(from Heathrow Airport, Gatwick Airport & Cardiff International Airport)**

→ Conference Venue

- The Asiana provide the flight for Incheon <-> Heathrow every Monday, Wednesday and Saturday.
- The Korean Air provide the flight for Incheon <-> Heathrow every Monday, Thursday, Friday.

● **FROM HEATHROW AIRPORT**

Train: Either take the Rail-Air Link bus to Reading and the train from Reading to Swansea, or take the train from Heathrow to London (Paddington) and the train from Paddington to Swansea.

Bus: **Take bus 201 from the airport bus station to Swansea.**

● **FROM GATWICK AIRPORT**

Train: Take the train from Gatwick to Reading and the train from Reading to Swansea.

Bus: **Take bus 201 from the airport bus station to Swansea.**

● **FROM CARDIFF INTERNATIONAL AIRPORT**

Catch a bus or take a taxi to central Cardiff and then make rail or Greyhound connection to Swansea.

\*For more bus information, please search at <https://timetables.nationalexpress.com/routes>

\*Timetable for Gatwick Airport (South)-> Gatwick Airport(North)->Heathrow Airport (T5)-> Swansea by Bus No. 201

201

Gatwick Airport (South) to Swansea

Valid only on Wednesday 1st of June 2022

**Monday-Friday**

*Stops*

*Times*

| Stops   | 06:55              | 07:40              | 09:55              | 11:55              | 13:55              | 15:55              | 18:55              | 22:55              |
|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Gatwick Airport (South)<br>Lower Forecourt                                | A 07:05<br>D 07:10 | A 07:50<br>D 07:55 | A 10:05<br>D 10:10 | A 12:05<br>D 12:10 | A 14:05<br>D 14:10 | A 16:05<br>D 16:10 | A 19:05<br>D 19:10 | A 23:05<br>D 23:10 |
| Heathrow Airport (T5)<br>Bus & Coach Stn, Arrivals Level                  | A 08:05<br>D 08:10 | A 09:05<br>D 09:10 | A 11:05<br>D 11:10 | A 13:05<br>D 13:10 | A 15:05<br>D 15:10 | A 17:20<br>D 17:25 | A 20:05<br>D 20:10 | A 00:05<br>D 00:10 |
| Heathrow Airport<br>Central Bus Stn                                       | A 08:25<br>D 08:30 | A 09:25<br>D 09:30 | A 11:25<br>D 11:30 | A 13:25<br>D 13:30 | A 15:25<br>D 15:30 | A 17:40<br>D 17:45 | A 20:25<br>D 20:30 | A 00:25<br>D 00:30 |
| Bristol<br>Bus & Coach Station, Marlborough St                            | A 10:35<br>D 10:45 | A 11:35<br>D 11:45 | A 13:35<br>D 13:45 | A 15:35<br>D 15:45 | A 17:45<br>D 17:55 | A 20:05<br>D 20:15 | A 22:35<br>D 22:45 | A 02:35<br>D 02:45 |
| Newport [S.Wales]<br>Kingsway, Stop 14,<br>Lay-by near Riverfront Theatre | 11:25              | 12:25              | 14:25              | 16:30              | 18:45              | 20:55              | 23:25              | 03:25              |
| Cardiff<br>Sophia Gardens   | 12:00              | A 13:00<br>D 13:05 | A 15:00<br>D 15:05 | A 17:20<br>D 17:25 | A 19:20<br>D 19:25 | A 21:30<br>D 21:35 | A 00:00<br>D 00:05 | A 04:00<br>D 04:05 |
| Bridgend-Sarn<br>Odeon (for McArthurGlen)                                 | -                  | 13:40              | 15:40              | 18:00              | 20:00              | 22:10              | 00:40              | 04:40              |
| Port Talbot<br>Bus Station, near Aberafan Centre                          | -                  | 14:00              | 16:00              | 18:20              | 20:20              | 22:30              | 01:00              | 05:00              |
| Swansea<br>Bus Stn, Stand A   | -                  | 14:20              | 16:20              | 18:40              | 20:40              | 22:50              | 01:20              | 05:20              |



**Saturday-Sunday**

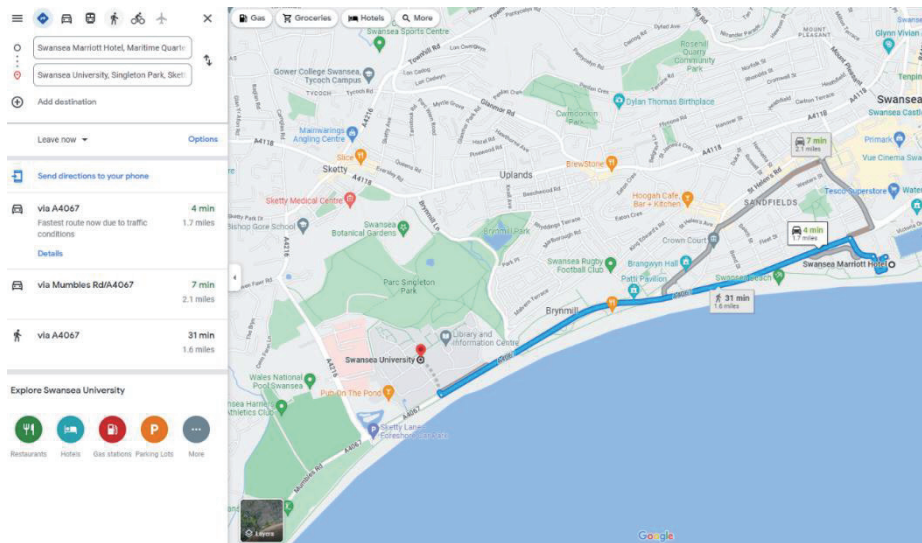
**Stops** *Times*

|   |                    |                    |                    |                    |                    |                    |                    |                    |
|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Gatwick Airport (South)<br>Lower Forecourt                                | 06:55              | 07:55              | 09:55              | 11:55              | 13:55              | 15:55              | 18:55              | 22:55              |
| Gatwick Airport (North)<br>Lower Forecourt                                | A 07:05<br>D 07:10 | A 08:05<br>D 08:10 | A 10:05<br>D 10:10 | A 12:05<br>D 12:10 | A 14:05<br>D 14:10 | A 16:05<br>D 16:10 | A 19:05<br>D 19:10 | A 23:05<br>D 23:10 |
| Heathrow Airport (T5)<br>Bus & Coach Stn, Arrivals Level                  | A 08:05<br>D 08:10 | A 09:05<br>D 09:10 | A 11:05<br>D 11:10 | A 13:05<br>D 13:10 | A 15:05<br>D 15:10 | A 17:05<br>D 17:10 | A 20:05<br>D 20:10 | A 00:05<br>D 00:10 |
| Heathrow Airport<br>Central Bus Stn                                       | A 08:25<br>D 08:30 | A 09:25<br>D 09:30 | A 11:25<br>D 11:30 | A 13:25<br>D 13:30 | A 15:25<br>D 15:30 | A 17:25<br>D 17:30 | A 20:25<br>D 20:30 | A 00:25<br>D 00:30 |
| Bristol<br>Bus & Coach Station, Marlborough St                            | A 10:35<br>D 10:45 | A 11:35<br>D 11:45 | A 13:35<br>D 13:45 | A 15:35<br>D 15:45 | A 17:35<br>D 17:45 | A 19:35<br>D 19:45 | A 22:35<br>D 22:45 | A 02:35<br>D 02:45 |
| Newport [S.Wales]<br>Kingsway, Stop 14,<br>Lay-by near Riverfront Theatre | 11:25              | 12:25              | 14:25              | 16:25              | 18:25              | 20:25              | 23:25              | 03:25              |
| Cardiff<br>Sophia Gardens   | 12:00              | A 13:00<br>D 13:05 | A 15:00<br>D 15:05 | A 17:00<br>D 17:05 | A 19:00<br>D 19:05 | A 21:00<br>D 21:05 | A 00:00<br>D 00:05 | A 04:00<br>D 04:05 |
| Bridgend-Sarn<br>Odeon (for McArthurGlen)                                 | -                  | 13:40              | 15:40              | 17:40              | 19:40              | 21:40              | 00:40              | 04:40              |
| Port Talbot<br>Bus Station, near Aberafan Centre                          | -                  | 14:00              | 16:00              | 18:00              | 20:00              | 22:00              | 01:00              | 05:00              |
| Swansea<br>Bus Stn, Stand A   | -                  | 14:20              | 16:20              | 18:20              | 20:20              | 22:20              | 01:20              | 05:20              |

**Key**

- A The coach will arrive at the first time. After a short break at this stop, it will depart again at the second time. - The coach does not stop here on this service.
- D

## 2) From The Marriott Swansea → Conference Venue



## 3) By train (from London(Paddington)) → Conference Venue

### -> By Train

- › High-speed InterCity trains run at hourly intervals
- › from London (Paddington) to Swansea. Travel time approximately 2 hours 50 minutes. The main InterCity services offer connections to Swansea from Birmingham, Bristol Parkway, Cardiff and London. There are also regional services via Sprinter trains to west, mid and north Wales. There are taxi ranks outside High Street Station and St Mary's Church (city centre).
- › For details of all rail services
- › Tel: +44 (0)3457 484950 [www.nationalrail.co.uk](http://www.nationalrail.co.uk)

## 4) By bus(from city centre to Singleton Park Campus Shuttle Bus)

### → Conference Venue

### -> By Bus

- › During term time buses run frequently between the city centre, Singleton Park Campus, the Bay Campus and Hendrefoelan Student Village. For timetables and further information please contact
- › Traveline: Tel: +44 (0)871 200 2233 [www.traveline.org.uk](http://www.traveline.org.uk)

### 5) By Road → Conference Venue

#### -> By Road

- › Travelling west on the M4 leave the motorway at junction 42 and follow signs for Swansea on the A483 (Fabian Way).
  - › On crossing the River Tawe the A483 becomes the A4067. Continue west along this road, passing Sainsbury's Superstore on the left-hand side of the road. After approximately 1.5 miles there is a footbridge over the road.
  - › The University's main entrance lies just before the footbridge and is controlled by traffic lights. As you approach the lights, keep to the right-hand lane and prepare to turn right into the University. There is a Visitors' Car Park immediately right of the main entrance. There are large Park-and-Ride sites at Port Tennant and on the A483 east of Swansea, at Landore, on the A4067 north of the city. All sites are open from 7.00 am until 7.00 pm, Monday to Saturday. It currently costs £2.50 to leave your car all day in these secure environments and to ride by bus to and from the city centre.
  - › From time to time the University will recommend that visitors use these sites when it is known that parking on the Singleton Park Campus or the adjoining Recreation Ground will either be in very short supply or wholly unavailable. In these circumstances the University will arrange for coaches to run shuttle services to and from the campus direct from the Park-and-Ride sites.
- \* **Cycling and Walking (Active Travel) Singleton Park Campus and Bay Campus are linked by**
- › the National Cycle Route (NCN route 4). There is cycle parking facilities at both sites. If you are travelling locally or cycling from either Swansea or Port Talbot rail stations, the Swansea Bay Cycle network can be viewed here: [www.cycleswanseabay.org](http://www.cycleswanseabay.org)

#### SANTANDER CYCLES

- › Santander Cycles Swansea is a bike share scheme that everyone can use. There are 5 docking station hubs along the sweep of Swansea Bay, connecting both campuses. For further information download the Santander Cycles App from the App Store.

**6) Bus for conference(industry tour, gala-free&inviting dinner, cultural tour)**

➤ Shuttle Bus

|                 | Date  | Parking Lot  |
|-----------------|---|--|
| July 06th, 2022 | (08:00~)<br>Marriott Swansea Hotel -> Swansea Univ. Singleton Park Campus         | Main Gate of Marriott Swansea Hotel -> Front of Fulton House(no.17, near to 8.1) |
|                 | (08:30~)Swansea Univ. Singleton Park Campus -> Penderyn distillery whisky factory | Front of Fulton House(no.17, near to 8.1) -> Inner whisky factory                |
|                 | (12:00~)Penderyn distillery whisky factory -> Swansea Univ. Singleton Park Campus | Inner whisky factory -> Front of Fulton House(no.17, near to 8.1)                |
| July 8th, 2022  | (17:00~)<br>Swansea Univ. Singleton Park Campus -> Grape & Olive                  | Front of Fulton House(no.17, near to 8.1) -> Front of Grape & Olive              |
| July 9th, 2022  | (11:00~)<br>Swansea Univ. Singleton Park Campus -> Tenby                          | Front of Fulton House(no.17, near to 8.1) -> Tenby Bus Parking Station           |
|                 | (17:00~)<br>Tenby -> Marriott Swansea Hotel                                       | Tenby Bus Parking Station -> Main Gate of Marriott Swansea Hotel                 |



Bus Parking Lot inner Swnsea Univ.



• Appendix 4. SOI & Swansea University 2022 Conference Poster



Swansea University Prifysgol Abertawe

Society of Open Innovation Technology, Market & Complexity

DGIIST

# Invitation

## SOI & Swansea University 2022

July 6(Wed.) ~ 9(Sat.), Conference Days, 2022, Swansea University, Wales, UK

\*July 4(Mon.) ~ 5(Tue.), SOI Open Innovation Academy 2022 Summer School (Free for SOI 2022 Participants)

(www.openinnovationtmc.org)

Sponsored by




### Digital Transformation: New Directions for the World Economy, Financial Systems and Business Models

**Key Deadlines**

\*Proceeding Completing & Printing: June 1st, 2022

Late Registration: June 10th, 2022

Full Paper Submission: June 10th, 2022

**Keynote Speakers**

|  |  |  |
|--|--|--|
| <p><b>Ulrich Witt (Germany)</b></p> <ul style="list-style-type: none"> <li>Professor of Economics &amp; Director emeritus, Max Planck Institute of Economics Jena, Germany</li> <li>Adjunct Professor at Griffith Business School, Griffith University/Australia</li> <li>Co-Editor of Journal of Bioeconomics</li> <li>Presentation Theme: "Innovative Capitalism Needs Institutional Co-evolution"</li> </ul>  | <p><b>Fred Phillips (USA)</b></p> <ul style="list-style-type: none"> <li>Professor of University of New Mexico, Albuquerque, New Mexico, USA</li> <li>Editor-in-Chief of "Technological Forecasting and Social Change" (TFSC)</li> <li>Leading Scientist at the Chinese Academy of Sciences in Beijing</li> <li>2017 winner of the Konradlof Medal</li> <li>Presentation Theme: "Climate Disast, Climate Action: Can democracy do the job?"</li> </ul> | <p><b>Andreas Pyka (Germany)</b></p> <ul style="list-style-type: none"> <li>Professor, University of Hohenheim, Germany</li> <li>Deputy Head of International Diplomacy Academy(2011-)</li> <li>Visiting Researcher at CREI at the University of Quebec, Montreal</li> <li>Presentation Theme: "Economic Growth, Structural Change and Transformation: What's important now?"</li> </ul>                       |
| <p><b>Philip Cooke (UK)</b></p> <ul style="list-style-type: none"> <li>Professor, Bergen University College, Norway</li> <li>Editor-in-Chief of European Planning Studies(SCI)</li> <li>European Parliament Regional Development Committee, 18/2019</li> <li>Official Adviser to European Parliament Regional Development Committee Award in 2015</li> <li>Presentation Theme: "The digital divide: From Taylor City to digital 'Open Influence' to 'New Green Cities' after COVID"</li> </ul>   | <p><b>Bo Yang (UK)</b></p> <ul style="list-style-type: none"> <li>Senior Lecturer at Swansea University, UK</li> <li>Director of Centre for Research in Macroeconomics and Macro-Finance (CRMMF), Swansea University</li> <li>Former Lecturer at Lecturer at the University of Surrey from 2012-15</li> <li>Presentation Theme: "Open Innovation in time of Crisis"</li> </ul>   | <p><b>Kwangjo Jung (Korea)</b></p> <ul style="list-style-type: none"> <li>Dean, Graduate School of Public Administration of Seoul National University, Korea</li> <li>Professor, Seoul National University, Korea</li> <li>Executive President of Society of Open Innovation: Technology, Market, and Complexity(SOI) from 2021</li> <li>Presentation Theme: "Innovation, Altruism, and Creativity"</li> </ul> |
| <p><b>Jinhyo Joseph Yun (Korea)</b></p> <ul style="list-style-type: none"> <li>Tenured Principal Researcher, DGIIST &amp; Principal Professor of Open Innovation Academy of SOI</li> <li>Visiting Professor at Graduate School of Public Administration of Seoul National University</li> <li>Organizing President of Society of Open Innovation: Technology, Market, and Complexity(SOI)</li> <li>Editor-in-Chief of Journal of Open Innovation: Technology, Market, and Complexity(SCI)(Special)</li> <li>Presentation Theme: "Regulation conversation at the intersection of UK and Korea in digital transformation: 'The way to growing up new industry with open innovation dynamics'"</li> </ul> | <p><b>Veneti V. Krishna (India)</b></p> <ul style="list-style-type: none"> <li>RASS at the University of New South Wales, Australia</li> <li>Former Professor, Jawaharlal Nehru University, India</li> <li>Editor-in-Chief of Science, Technology and Society(STS)</li> <li>Presentation Theme: "Can we build innovation systems with Weak Science and Technology Systems? Some Insights from Successful Cases in Asia"</li> </ul>                     | <p><b>Journal of Open Innovation: Technology, Market, and Complexity(Scope)</b></p> <ul style="list-style-type: none"> <li>All keynote speakers' presenting papers will be invited to the journal as special issue/SCM publications will be supported and funded by SOI</li> </ul>   |

**Special Sessions**

|  |   |   |
|--|---|---|
| <p><b>Special Session 1. Digitalization and regional innovation</b></p> <ul style="list-style-type: none"> <li>Chair: Bo Yang/Swansea University, UK</li> </ul>  | <p><b>Special Session 2. Open innovation and ecosystem</b></p> <ul style="list-style-type: none"> <li>Chair: Zheng Lu/Cardiff Metropolitan University, UK</li> </ul>  | <p><b>Special Session 3. Platform Innovation</b></p> <ul style="list-style-type: none"> <li>Chair: Lei Ma/Jiangsu Univ. of Science and Technology, China</li> </ul>   |
| <p><b>Special Session 4. Sustainability oriented Innovation</b></p> <ul style="list-style-type: none"> <li>Chair: Bo Yang/Swansea University, UK, Zheng Lu/Cardiff Metropolitan University, UK</li> </ul>  | <p><b>Special Session 5. Digital Transformation with Regulation conversation</b></p> <ul style="list-style-type: none"> <li>Chair: Jinhyo Joseph Yun/DGIIST, Korea</li> </ul>   | <p><b>Special Session 6. Digital Transformation in Financial markets</b></p> <ul style="list-style-type: none"> <li>Chair: Alexey Milyavskiy (Financial University under the Government of the Russian Federation, Russia)</li> </ul>   |
| <p><b>Special Session 7. Challenges of Digital Transformation in Korean Manufacturing Industry</b></p> <ul style="list-style-type: none"> <li>Chair: Donghoon Oh/Ministry of Trade, Industry and Energy, Office of Strategic R&amp;D Planning, Korea</li> </ul>                              | <p><b>Special Session 8. Regional Innovation Systems</b></p> <ul style="list-style-type: none"> <li>Chair: Yuki Sudo/Mie University, Japan</li> </ul>   | <p><b>Special Session 9. Innovation &amp; Growth</b></p> <ul style="list-style-type: none"> <li>Chair: Kangwon Lee/Korea Institute for Advanced Study, Korea &amp; Seung Ho Jang/Gangneung SPS, Korea</li> </ul>  |
| <p><b>Special Session 10. Digital Smart and Socially Inclusive Design</b></p> <ul style="list-style-type: none"> <li>Chair: Teseo Kim/Bangyeong University, Korea</li> </ul>   | <p><b>Special Session 11. Knowledge service, open innovation and firm performance</b></p> <ul style="list-style-type: none"> <li>Chair: Han Chang/SET, Korea, Jinwo Seon/SET, Korea &amp; Seung Sang/Seoul National University, Korea</li> </ul>  | <p><b>Special Session 12. Open Innovation and Business Model in Biomedical Industry</b></p> <ul style="list-style-type: none"> <li>Chair: Kwangjo Jung/Sungshik National University, Korea</li> </ul>   |
| <p><b>Special Session 13. Innovation Diversity for Emerging Economies</b></p> <ul style="list-style-type: none"> <li>Chair: Nadia Lamy/Lebanese Technical University, Lebanon &amp; Yanyang Liu/Riga Technical University, Latvia</li> </ul>   | <p><b>Special Session 14. Green Governance: Code and Evaluation</b></p> <ul style="list-style-type: none"> <li>Chair: Weiran Liu/Hubei University &amp; Tianjin University of Finance and Economics, China</li> </ul>   | <p><b>Special Session 15. Quality of life in the context of Marketing Open Innovation with Sustainability vision</b></p> <ul style="list-style-type: none"> <li>Chair: Sergei Ermogenov/Baykay (Peter the Great) St. Petersburg Polytechnic University, Russia</li> </ul>                   |
| <p><b>Special Session 16. Innovation Ecosystem and Governance Mechanism in the Digital era</b></p> <ul style="list-style-type: none"> <li>Chair: Jinsu Wu/Tsinghua University, China</li> </ul>  | <p><b>Special Session 17. Open Innovation and Sustainable System Development in Practices</b></p> <ul style="list-style-type: none"> <li>Chair: Mi-Hee Yoo/Dongseo University Hyeon Tae/Sanghae Univ. of International Business and Economics, China</li> </ul>                             | <p><b>Special Session 18. Innovation Policy and Regulation of Digital Transformation</b></p> <ul style="list-style-type: none"> <li>Chair: Ben Zheng/Zhongshan University of Science &amp; Technology, China</li> </ul>   |
| <p><b>Special Session 19. Innovation and Digital Transformation in Emerging Economies</b></p> <ul style="list-style-type: none"> <li>Chair: Chae Dalu-Swansea &amp; Hyeon Juyun/Riga Technical University</li> </ul>   | <p><b>Special Session 20. Digital Transformation and Smart Governance in the Context of Big Data(1)</b></p> <ul style="list-style-type: none"> <li>Chair: SIKwan Lee/Seoul, ULSJ Inha/Inha Technical University, South Korea &amp; Yanyang Liu/Riga Technical University, Latvia</li> </ul> | <p><b>Special Session 21. Digital Transformation and Smart Governance in the Context of Big Data(2)</b></p> <ul style="list-style-type: none"> <li>Chair: SIKwan Lee/Seoul, ULSJ Inha/Inha Technical University, South Korea &amp; Yanyang Liu/Riga Technical University, Latvia</li> </ul> |
| <p><b>Special Session 22. Social Welfare, Innovation Life, Creativity, and Pro-environmental Behaviors</b></p> <ul style="list-style-type: none"> <li>Chair: Kwangjo Jung/Sungshik National University, Korea</li> </ul>   | <p><b>Special Session 23. Open Innovation in the new era: The role of artificial intelligence</b></p> <ul style="list-style-type: none"> <li>Chair: Valentin Vukobratovic/University of Applied Sciences, Austria &amp; Yanyang Liu/Riga Technical University, Latvia</li> </ul>            | <p><b>Special Session 24. Issues on Innovation Competitiveness and Efficiency</b></p> <ul style="list-style-type: none"> <li>Chair: ChaeDaloo Kim/Hanyang University, Korea &amp; Sungshik Chae/Hanyang University, Korea</li> </ul>  |
| <p><b>Special Session 25. Knowledge Management and Innovation</b></p> <ul style="list-style-type: none"> <li>Chair: Jeonghyun Lee/Myungil University, Korea</li> </ul>   | <p><b>Special Session 26. Digital Transformation and Smart Governance in the Context of Big Data(2)</b></p> <ul style="list-style-type: none"> <li>Chair: SIKwan Lee/Seoul, ULSJ Inha/Inha Technical University, South Korea &amp; Yanyang Liu/Riga Technical University, Latvia</li> </ul> | <p><b>Special Session 27. Open Innovation in biomedical industry</b></p> <ul style="list-style-type: none"> <li>Chair: Eungho Kim/Chungbuk National University, Korea</li> </ul>  |
| <p><b>Special Session 28. Climate Change in Digital Transformation Era</b></p> <ul style="list-style-type: none"> <li>Chair: Sang-Don Lee/Ewha Womans University, Korea</li> </ul>   | <p><b>Special Session 29. Digital Transformation and Smart Governance in the Context of Big Data(3)</b></p> <ul style="list-style-type: none"> <li>Chair: SIKwan Lee/Seoul, ULSJ Inha/Inha Technical University, South Korea &amp; Yanyang Liu/Riga Technical University, Latvia</li> </ul> | <p><b>Special Session 30. Entrepreneurship in the Digital Transformation Era</b></p> <ul style="list-style-type: none"> <li>Chair: ChaeDaloo Kim/Hanyang University, Korea &amp; Chang-Soe Sung/Dongguk University, Korea</li> </ul>  |
| <p><b>Special Session 31. Digital Transformation and Smart Governance in the Context of Big Data(4)</b></p> <ul style="list-style-type: none"> <li>Chair: ULSJwan Lee/Seoul, ULSJ Inha/Inha Technical University, South Korea &amp; Yanyang Liu/Riga Technical University, Latvia</li> </ul> | <p><b>Special Session 32. Digital Transformation for new business innovation</b></p> <ul style="list-style-type: none"> <li>Chair: Junsu Kim/Konkuk University, Korea</li> </ul>  | <p><b>Special Session 33. Digital Transformation and Smart Governance in the Context of Big Data(5)</b></p> <ul style="list-style-type: none"> <li>Chair: SIKwan Lee/Seoul, ULSJ Inha/Inha Technical University, South Korea &amp; Yanyang Liu/Riga Technical University, Latvia</li> </ul> |

**General Sessions**

**Open innovation Academy 2022 Summer School**

**Special Issue Journals**

|  |  |
|--|--|
| <p><b>Journal of Open Innovation: Technology, Market, and Complexity(SCI/SS)</b></p> <ul style="list-style-type: none"> <li>Editor-in-Chief: Jinhyo Joseph Yun(jun@dgist.ac.kr)</li> <li>Managing Guest Editor: Jinhyo Joseph Yun(jun@dgist.ac.kr)</li> <li>Keynote speakers' papers will be invited to the journal</li> </ul> <p><b>European Planning Studies(SCSI)</b></p> <ul style="list-style-type: none"> <li>Editor-in-Chief: Philip Cooke(Philip@cardiff.ac.uk)</li> <li>Managing Guest Editor: Jinhyo Joseph Yun(jun@dgist.ac.kr)</li> </ul> <p><b>Science, Technology and Society(SCSI)</b></p> <ul style="list-style-type: none"> <li>Editor-in-Chief: Veneti V. Krishna(v.krishna@unsw.edu.au)</li> <li>Managing Guest Editor: Jinhyo Joseph Yun(jun@dgist.ac.kr)</li> </ul> <p><b>Knowledge Management Research &amp; Practice(SCSI)(Fast Track-5 Papers)</b></p> <ul style="list-style-type: none"> <li>Editor-in-Chief: Giovanni Schiuma(schiuma@um.it)</li> <li>Managing Guest Editor: Jinhyo Joseph Yun(jun@dgist.ac.kr)</li> </ul> | <p><b>International Journal of Environmental Research &amp; Public Health(SCSI &amp; SCIE)</b></p> <ul style="list-style-type: none"> <li>Editor-in-Chief: Paul B. Tchounwou(p.tchounwou@univ.edu)</li> <li>Managing Guest Editor: Jinhyo Joseph Yun(jun@dgist.ac.kr)</li> <li>Extension of IJERPH 2021 Special Issue, deadline: December 31th, 2022</li> </ul> <p><b>Designated General Issue Journals</b></p> <ul style="list-style-type: none"> <li><b>Journal of Evolutionary Economics(SCSI)</b></li> <li>Editor-in-Chief: Uwe Cantow/evs.com@uni-bonn-jena.de et al.</li> <li>Designated Reviewer: Jinhyo Joseph Yun(jun@dgist.ac.kr)</li> <li><b>Technological Forecasting and Social Change(SCSI)(Special Issue in 2023)</b></li> <li>Editor-in-Chief: Scott Cunningham(scott.cunningham@strath.ac.uk), Mel-Chih Hu(hu@business.uth.ac.th)</li> <li>Former Editor-in-Chief: Fred Phillips(fred@bath.ac.uk)</li> <li>Designated Reviewer: Editor: Jinhyo Joseph Yun(jun@dgist.ac.kr)</li> </ul> |
|--|--|

**For more information, please contact:**

|  |   |
|--|---|
| <ul style="list-style-type: none"> <li><b>Hosting Chair: Prof. Dr. Bo Yang/Swansea University, UK</b></li> <li>Contact: bo.yang@swansea.ac.uk, +44 (0) 1792 295601</li> <li>Hosting Office: Dr. Zheng Lu/Cardiff Metropolitan University, UK, Z.Lu@cardiffmet.ac.uk</li> <li>Address: Department of Economics, School of Social Sciences, Swansea University, Bay Campus, Fabian Way, Crymlyn Burrows, Swansea, SA18EN, Wales, UK</li> </ul> | <ul style="list-style-type: none"> <li><b>Organizing Chair: Prof. Dr. Jinhyo Joseph Yun (Professor of SOI Open Innovation Academy, President of SOI and Editor-in-Chief of JOT, Tenured Principal Researcher, DGIIST, Korea)</b></li> <li>Hosting Office: Dr. Zheng Lu/Cardiff Metropolitan University, UK, Z.Lu@cardiffmet.ac.uk</li> <li>Contact: jyun@dgist.ac.kr</li> <li>+82-53-785-4410, (mobile) +82-10-6997-8355</li> <li>Organizing Office-SDI Secretariat: Dr. XIAOFEI ZHAO (Professor of SOI Open Innovation Academy, Senior Researcher of DGIIST, Korea) Contact: openinnovationtmc@dgist.ac.kr +82-53-785-4414, (mobile) +82-10-4072-8595</li> <li>Address: 333 Techno Jungang-daero, Hyeonpung myeon, Daejeon-gun, Daegu, 42989, Korea</li> </ul> |
|--|---|

# SOI & Swansea University 2022 Conference

July 6(Wed.) ~ 9(Sat.), Conference Days, 2022 Swansea University, Wales, UK & Online(Zoom)

## • Appendix 5. SOI 2022 Conference Participants' Institutions Logo Collection



• Appendix 6. Special Issue Journals List

# SOI 2022 SPECIAL ISSUE JOURNALS

\*Including Fast-Track

**Journal of Open Innovation: Technology, Market, and Complexity (JOI) (SCOPUS, Citescore: 5.0)**



- **Editor-in-Chief:** Jin-Hyo Joseph Yun (jhyun@dgiist.ac.kr)
- **Managing Guest Editor:** Jin-Hyo Joseph Yun (jhyun@dgiist.ac.kr) & Co-Guest Editors: Nalaja Laco (nalaja.laco@ru.nl), Kwang-Soo Shin (sksdas@caul.ac.kr), Giovanni Del Sarto (giovanni.del.sarto@uniba.it)
- **Webpage:** [www.mdpi.com/journal/JOI](http://www.mdpi.com/journal/JOI)
- Keynote speakers' papers will be invited to the journal.
- **JOI 2022 Special Issue:** "New Directions of Open Innovation, and Business Model with Digital Transformation" Special Issue & Submission Webpage: [https://www.mdpi.com/journal/JOI/special\\_issues/New\\_Directions\\_Open\\_Innovation\\_Business\\_Model\\_Digital\\_Transformation](https://www.mdpi.com/journal/JOI/special_issues/New_Directions_Open_Innovation_Business_Model_Digital_Transformation)
- From June 10th, after SOI 2022 full paper upload + registration special issue submission available
- \*From 2023, JOI will transfer to Elsevier publisher.

**European Planning Studies (SSCI, Impact Factor: 3.269)**



- **Editor-in-Chief:** Editor-in-Chief: Philip Cooke (P.Cooke@cardiff.ac.uk)
- **Managing Guest Editor:** Jin-Hyo Joseph Yun (jhyun@dgiist.ac.kr) & Co-Guest Editors: Kwang-Ho Jung (kwjung77@nu.ac.kr), Bo Yang (boyang@swansea.ac.uk)
- **Webpage:** <https://www.tandfonline.com/toc/eaps20/current>
- **EPS 2022 Special Issue:** "New direction of Regional Innovation System with Digital Transformation in the Context of Open Innovation, and Business Model" [http://openinnovation-tmc.org/HOME/data/download/soitmc/Final%202022021%20without%20email%20%20JOI%20SOI%202022%20special%20issue%20proposal%20\(8-13\).pdf](http://openinnovation-tmc.org/HOME/data/download/soitmc/Final%202022021%20without%20email%20%20JOI%20SOI%202022%20special%20issue%20proposal%20(8-13).pdf)

**Science, Technology and Society (SSCI, Impact Factor: 1.173)**



- **Editor-in-Chief:** Venki V. Krishna (v.krishna@unsw.edu.au)
- **Managing Guest Editor:** Jin-Hyo Joseph Yun (jhyun@dgiist.ac.kr) & Co-Guest Editors: Lei Ma (maryma20@sinac.com), Liu Zhengzai (liuzhengzai@cardiff.ac.uk), Xiaofei Zhou (xiaofei@tjhu.cn)
- **Webpage:** <https://journals.sagepub.com/home/sts>
- **STS 2022 Special Issue:** "Digital Transformation in Science, Technology, and Society" [http://openinnovation-tmc.org/HOME/data/download/soitmc/Final%202022021%20without%20email%20%20JOI%20SOI%202022%20special%20issue%20proposal%20\(8-13\).pdf](http://openinnovation-tmc.org/HOME/data/download/soitmc/Final%202022021%20without%20email%20%20JOI%20SOI%202022%20special%20issue%20proposal%20(8-13).pdf)

**Knowledge Management Research & Practice (SSCI, Impact Factor: 2.744) (Fast Track-5 Papers)**



- **Editor-in-Chief:** Giovanni Schiuma (gschiuma@uni.it)
- **Managing Designated Reviewer:** Jin-Hyo Joseph Yun (jhyun@dgiist.ac.kr) & Co-Guest Designated Reviewer: Min-Ren Yan (myan@scs.pccu.edu.tw)
- **Webpage:** <https://www.tandfonline.com/toc/kmrp20/current>
- **KMRP 2022 Fast Track:** "New Direction of Knowledge Management with Digital Transformation" [http://openinnovation-tmc.org/HOME/data/download/soitmc/Final%202022021%20without%20email%20%20JOI%20SOI%202022%20special%20issue%20proposal%20\(8-13\).pdf](http://openinnovation-tmc.org/HOME/data/download/soitmc/Final%202022021%20without%20email%20%20JOI%20SOI%202022%20special%20issue%20proposal%20(8-13).pdf)

**International Journal of Environmental Research & Public Health (SSCI and SCIE)**



- **Extension of SOI 2021 IJERPH special Issue:** Until December 31st, 2022 - "Open Innovation in the Research and Industry about Natural Environment and Public Health after Pandemic of COVID-19"
- [https://www.mdpi.com/journal/ijerph/special\\_issues/open\\_innovation\\_COVID-19](https://www.mdpi.com/journal/ijerph/special_issues/open_innovation_COVID-19)
- From June 10th, after SOI 2021 full paper upload + registration -> special issue submission available

**Inviting Special Issue Journals for SOI 2023;  
Advantage will be given to the EIC and Guest-editors.**



• **Appendix 7. Designated Issue Journals List**

# SOI 2022 DESIGNATED GENERAL ISSUE JOURNALS

**Technological Forecasting and Social Change(SSCI)  
(Special Issue in 2023)**



- » **Editor-in-Chief:**  
Scott Cunningham(scott.cunningham@strath.ac.uk),  
Mei-Chin Hu(mchu@mx.nthu.edu.tw)
- » **Former Editor-in-Chief:**  
Phillips(fred.phillips@stonybrook.edu)
- » **Designated Reviewer:**  
JinHy0 Joseph Yun(jhyun@dgist.ac.kr)
- » **Webpage:**  
<https://www.journals.elsevier.com/technological-forecasting-and-social-change>

**Journal of Evolutionary Economics(SSCI)**



- » **Editor-in-Chief:**  
Uwe Cantner(uwe.cantner@uni-jena.de) et. al.
- » **Designated Reviewer:**  
JinHy0 Joseph Yun(jhyun@dgist.ac.kr)
- » **Webpage:**  
<http://www.springer.com/economics/journal/191>

<More Designated General Issue Journals are welcomed!>

• Appendix 8. Journal of Open Innovation: Technology, Market, and Complexity(SOI Associated Journal)



Editor-in-Chief JinHy0 Joseph Yun  
jhyun@dgist.ac.kr

www.mdpi.com/journal/JOItnC/

an Open Access Journal by MDPI

Message from the Editor-in-Chief

The online *Journal of Open Innovation: Technology, Market, and Complexity (JOItnC)* provides an academic agora for research findings in areas related to open innovation, open business models, and complexity in the open innovation and 4th industrial revolution paradigm. *JOItnC* also covers the complexity, emergence, and dynamics of economy and engineering, in addition to new research methods such as system dynamics, AMB simulations, algorithm building, network analyses, and intensive qualitative case studies covering existing research methods. *JOItnC* aims to assist in conquering the growth limits of capitalism by being more open to new perspectives such as those proposed by Schumpeter, Keynes, the principals of political economy, and the complexity theory, among others. We look forward to working with you to publish high quality studies in these areas.

Author Benefits

- Open Access Unlimited and free access for readers
- No Copyright Constraints Retain copyright of your work and free use of your article
- Thorough Peer-Review
- No Space Constraints, No Extra Space or Color Charges No restriction on the length of the papers, number of figures or colors
- Coverage by Leading Indexing Services Scopus (Elsevier)
- Discounts on Article Processing Charges (APC) if you belong to an institute that participates with the MDPI Institutional Open Access Program

Aims and Scope

The *Journal of Open Innovation: Technology, Market, and Complexity (JOItnC)* (ISSN 2199-8531) is an international, peer-reviewed, open access journal concerning open innovation. The *JOItnC* publishes original research articles and review articles from theoretical and methodological aspects to applied work on open innovation, open business models, entrepreneurship, complexity, and evolutionary change in management, economy, or engineering, etc. The aim of the journal is to overcome the growth limits of capitalism for the sustainability of human economic life by Schumpeter, Keynes, the principals of political economy, the complexity theory, and other new creative approaches.

Topics of interest include, but are not limited to, the following:

- Business model developing cases
- Management
- Public administration & Policy
- Politics
- Economics
- Sociology
- History of science
- Philosophy of science
- Science communication
- Natural science
- Open Innovation Engineering
- Non-traditional methodologies, such as simulation, agent-based-modelling, network analysis, intensive qualitative case studies, or system dynamics


Editorial Office

JOItnC Editorial Office  
JOItnC@mdpi.com  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland  
Tel: +41 61 683 77 24  
Fax: +41 61 302 89 18  
www.mdpi.com  
mdpi.com/journal/JOItnC

MDPI is a member of











• **Appendix 9. Open Innovation Academy of SOI 2022 Summer School**



**Open Innovation Academy of SOI 2022 Summer School**  
 ([http://openinnovation-tmc.org/HOME/soilmc/sub/sub.htm?nav\\_code=soi1629248203](http://openinnovation-tmc.org/HOME/soilmc/sub/sub.htm?nav_code=soi1629248203))

**Date: July 4(Mon.) ~ 5(Tue.), 2022**  
**Venue: Faraday Room B, Faraday Building, Swansea University, Wales, UK**  
**Hosting: Open Innovation Academy of SOI; Supporting: Swansea University & DGIST**

\*For SOI 2022 participants, the registration is free with participating application in time.  
 \*For Non-SOI 2022 Participants registration fee: for Professors & Researchers: \$400; for Students: \$200.  
 Registration: send email to [openinnovationtmc@dgist.ac.kr](mailto:openinnovationtmc@dgist.ac.kr) (invoice\_download)

| Date                 | Time   | Lecturers(Lecture Materials-Lecturers' own published papers)   |
|----------------------|--|--|
| July 04, 2022 (Mon.) | 09:00 ~ 10:30  |  <p><b>Jin-Hyo Joseph Yun (Korea)</b></p> <ul style="list-style-type: none"> <li>• Tenured Principal Researcher, DGIST, Visiting Professor at SNU, Korea &amp; Principal Professor at Open Innovation Academy of SOI</li> <li>• The founder of Open Innovation Dynamics; The author of Business Model Design Compass</li> <li>• Organizing President of Society of Open Innovation: Technology, Market, and Complexity(SOI)</li> <li>• Editor-in-Chief of Journal of Open Innovation: Technology, Market, and Complexity(JOIM)</li> </ul> <p><b>Lecture Materials</b></p> <ol style="list-style-type: none"> <li>Yun, J. J., Zhan, X., Ma, L., Xu, Z., &amp; Liu, Z. (2022). Open innovation and multi-homing of delivery platforms: comparative study of Cardiff (Daegu and Nanjing). <i>European Planning Studies</i>, 1-22.</li> <li>Yun, J. H., J., Zhan, X., Kim, S. A., &amp; Sabui, Y. (2022). Open Innovation Dynamics of Furniture Design and Furniture: The Difference between REA and Milan Science. <i>Technology and Society</i>, 09717218221074906</li> <li>Yun, J. J., Zhan, X., Park, K., Del Gaudio, G., &amp; Sabui, Y. (2021). New dominant design and knowledge management: a reversed U curve with long head and tail. <i>Knowledge Management Research &amp; Practice</i>, 1-15.</li> </ol> |
|                      | 10:40 ~ 12:10  |  <p><b>Bo Yang (UK)</b></p> <ul style="list-style-type: none"> <li>• Senior Lecturer at Swansea University, UK</li> <li>• Director of Centre for Research in Macroeconomics and Macro-Finance (CREMMF), Swansea University</li> <li>• Former Lecturer at Lecturer at the University of Surrey from 2012-15</li> </ul> <p><b>Lecture Materials</b></p> <ol style="list-style-type: none"> <li>Bhattarai, K., Mallick, S. K., &amp; Yang, B. (2021). Are global spillovers complementary or competitive? Need for international policy coordination. <i>Journal of International Money and Finance</i>, 110, 102291.</li> <li>Cantore, C., Levin, P., Pearman, J., &amp; Yang, B. (2015). CES technology and business cycle fluctuations. <i>Journal of Economic Dynamics and Control</i>, 61, 133-151.</li> </ol>  |
|                      | 13:10 ~ 14:40  |  <p><b>Philip Cooke (UK)</b></p> <ul style="list-style-type: none"> <li>• Professor, Bergen University College, Norway</li> <li>• Editor-in-Chief of European Planning Studies(SSCI)</li> <li>• European Parliament Regional Development Committee, till 2019</li> <li>• Official Adviser to European Parliament Regional Development Committee Award in 2015</li> </ul> <p><b>Lecture Materials</b></p> <ol style="list-style-type: none"> <li>Singh, Nagesh, Philip Cooke &amp; Fabio Tomaz(2021). Celebrities and GreenSphere Tourism. <i>Regional Science, Regional Policy</i>, 1-17. doi:10.1111/rsp3.12454.</li> <li>Nunes, S., Cooke, P., Orlitz, H. (2021) Green-Sphere Circular Experiences and Well-Being Along the Road: Portugal from North to South. In <i>Tourism Innovation in Spain and Portugal</i>. <a href="https://doi.org/10.1007/978-3-03060701-6_16">https://doi.org/10.1007/978-3-03060701-6_16</a></li> </ol>   |
| 14:50 ~ 16:20        |  <p><b>Andreas Pyka (Germany)</b></p> <ul style="list-style-type: none"> <li>• Professor, University of Hohenheim, Germany</li> <li>• Deputy Head of International Diplomacy Academy(2011-)</li> <li>• Visiting Researcher at ORST of the University of Quebec, Montreal</li> </ul> <p><b>Lecture Materials</b></p> <ol style="list-style-type: none"> <li>Pyka, A., Ari, E., Alva-Ferran, A. and Urmetzer, S. (2022). The bioeconomy transition process – Sailing through storms and doldrums in unknown waters. <i>Journal of Innovation Economics and Management</i>, Vol. 36 (forthcoming)</li> <li>Wilke, U., Schallig, M., Urmetzer, S., Müller, M., Bogner, K. and Pyka, A. (2021). Time to Say 'Good Bye' to the Passive Consumer? A Conceptual Review of the Consumer in the Bioeconomy. <i>Journal of Agricultural and Environmental Ethics</i>, Vol. 34 (forthcoming) DOI: 10.1007/s10806-021-09861-4</li> <li>Urmetzer, S., Lask, J., Vargas-Capillano, R. and Pyka, A. (2020). Learning to change: Transformative knowledge for building a sustainable bioeconomy. <i>Ecological Economic</i></li> </ol>                           |  |
| 18:30 ~ 17:00        | Discussion   |  |
| 09:00 ~ 10:30        |  <p><b>Ulrich Witt (Germany)</b></p> <ul style="list-style-type: none"> <li>• Professor of Economics &amp; Director emeritus, Max Planck Institute of Economics Jena, Germany</li> <li>• Adjunct Professor at Griffith Business School, Griffith University(Australia)</li> <li>• Co-Editor of Journal of Bioeconomics</li> </ul> <p><b>Lecture Materials</b></p> <ol style="list-style-type: none"> <li>Ulrich Witt (2021). Does Sustainability-Promoting Policy Making Reduce Our Welfare? <i>Ecological Economics</i> 188, <a href="https://doi.org/10.1016/j.ecolecon.2021.107130">https://doi.org/10.1016/j.ecolecon.2021.107130</a> (open access).</li> <li>Ulrich Witt &amp; Christian Groes (2020). The Rise of the Service Economy in the Second Half of the 20th Century and its Energetic Contingencies. <i>Journal of Evolutionary Economics</i> 30, 231-246, DOI 10.1007/s00181-019-00649-4 (open access)</li> <li>Ulrich Witt (2017). Capitalism as a Complex Adaptive System and Its Growth. <i>Journal of Open Innovation: Technology, Market and Complexity</i> 3, DOI 10.1186/s40852-017-0065-0 (open access).</li> </ol>     |  |
| 10:40 ~ 12:10        |  <p><b>KwangHo Jung (Korea)</b></p> <ul style="list-style-type: none"> <li>• Professor &amp; Dean, Graduate School of Public Administration at Seoul National University, Korea</li> <li>• Executive Board of Director of Korean Association for Public Administration(KAPA)</li> <li>• Executive President of Society of Open Innovation: Technology, Market, and Complexity(SOI) from 2021</li> </ul> <p><b>Lecture Materials</b></p> <ol style="list-style-type: none"> <li>Jung, K., Lee, S. H., &amp; Workman, J. E. (2019). Exploring neglected aspects of innovation function: Public motivation and non-pecuniary values. <i>Science, Technology and Society</i>, 21(3), 435-464.</li> <li>Jung, K., Lee, S. H., &amp; Workman, J. E. (2018). Exploring a relationship between creativity and public service motivation. <i>Knowledge Management Research &amp; Practice</i>, 16(3), 292-304.</li> <li>Lee, S. H., Workman, J., &amp; Jung, K. (2016). Perception of time, creative attitudes, and adoption of innovations: A cross-cultural study from Chinese and US college students. <i>Sustainability</i>, 8(11), 1193.</li> </ol> |  |
| July 05, 2022 (Tue.) | 13:10 ~ 14:40  |  <p><b>Venil V Krishna (India)</b></p> <ul style="list-style-type: none"> <li>• FASS at the University of New South Wales, Australia</li> <li>• Editor-in-Chief of Science, Technology and Society(SSCI)</li> <li>• Former Professor, Jawaharlal Nehru University, India</li> </ul> <p><b>Lecture Materials</b></p> <ol style="list-style-type: none"> <li>Krishna, V. V. (2014). Changing social relations between science and society: Contemporary challenges. <i>Science, Technology and Society</i>, 19(2), 133-159.</li> <li>Krishna, V. V., Pelta, S. K., &amp; Bhattacharya, S. (2012). Internationalisation of R&amp;D and global nature of innovation: Emerging trends in India. <i>Science, Technology and Society</i>, 17(2), 165-199.</li> <li>Krishna, V. V. (2020). Open science and its enemies: challenges for a sustainable science-society social contract. <i>Journal of Open Innovation: Technology, Market, and Complexity</i>, 6(3), 61.</li> </ol>  |
| 14:50 ~ 16:20        |  <p><b>Fred Phillips (USA)</b></p> <ul style="list-style-type: none"> <li>• Professor at University of New Mexico, Albuquerque, New Mexico, USA</li> <li>• Editor-in-Chief of "Technological Forecasting and Social Change" (SSCI)</li> <li>• Visiting Scientist at the Chinese Academy of Sciences in Beijing</li> <li>• 2017 winner of the Konradloeff Medal</li> <li>• Seno Fellow at the IC2 Institute of the University of Texas at Austin, and a PICMET Fellow</li> </ul> <p><b>Lecture Materials</b></p> <ol style="list-style-type: none"> <li>Chaokeyi, S., Phillips, F., Ashari-Mofrad, M., &amp; Bigdelou, N. (2021). InnovationInnovationecosystems, notes ecosystems. <i>Journal of Business Research</i>, 135, 572-580.</li> <li>Oh, D. S., Phillips, F., Park, S., &amp; Lee, E. (2016). Innovation ecosystems: A critical examination. <i>Technovation</i>, 54, 1-6.</li> <li>Heeran, S., Phillips, F., &amp; Park, S. (2018). Post-disaster Cooperation Among Aid Agencies. <i>Systems Research and Behavioral Science</i>, 5(3), 233-247.</li> </ol>  |  |
| 18:30 ~ 17:00        | Discussion, Alumni Awarding & Farewell   |  |

\*Might be changed in reality

• **Appendix 10. SOI 2022 Institutional Members List**

**-Office of Strategic R&D Planning (OSP)(2022.03.21-2023.03.21)**

- Please visit the link to get more details:  
<http://www.osp.re.kr/app/main/mainPage.do;jsessionid=6738769658A1584D92927A1F75325181>
- Donation leded by Dr. DongHoon Oh



**-DGIST Open Innovation(OI) & Business Model(BM) Lab(2022.4.22-2023.4.22)**

- Research Content: Open Innovation strategy, policy, Business Model developing and patent consulting;
- Individual Donation by Prof. Dr. JinHyo Joseph Yun & Dr. Xiaofei Zhao
- [For more technological consulting or transfer, please write to jhyun@dgist.ac.kr](mailto:jhyun@dgist.ac.kr)



**-Journal of Open Innovation: Technology, Market, and Complexity (2022.6.01-2023.5.30)**

- Please visit the link to get more details: <http://www.mdpi.com/journal/JOItmC>



**Individual Donation: Prof. Dr. JinHyo Joseph Yun**

**- Ewha Womans University, Prof. SangDon Lee's Lab - Ecological Restoration Engineering LAB (2022.06.10-2023.06.10)**

- Please Contact: lsd@ewha.ac.kr Tel: 82-2-3277-3545
- Donation leded by Prof. SangDon Lee



**-Graduate School of Public Administration, Seoul National University(2022.5.26-2023.5.26)**

- Please visit the link to get more details: <http://gspa.snu.ac.kr/en/main/main>



**GSPA**

Graduate School of  
Public Administration  
Seoul National University



**GSPA**

Graduate School of  
Public Administration  
Seoul National University



**GSPA**

Graduate School of Public Administration, Seoul National University



**GSPA**

Graduate School of Public Administration  
Seoul National University

**GSPA**

행정대학원

Graduate School of Public Administration  
Seoul National University

## • Appendix 11. Wifi-Guide

### CONNECTING TO WIFI

Academic visitors can access University Wi-Fi via Eduroam connection.

Our free Wi-Fi network for non-academic visitors to the University is called SwanseaUni-Visitors. This is an open network which requires users to sign in via a web page:

1. View the list of available wireless networks on your device.
2. Connect to the SwanseaUni-Visitors SSID.
3. Once you are connected you should be prompted to sign-in, follow the log in instructions.
4. If you are not prompted, open a web browser and type in the URL of:  
<https://socialwifi.swansea.ac.uk>

For more information, please contact:

- Hosting Chair: Prof. Dr. Bo Yang(Swansea University, UK)  
Contact: bo.yang@swansea.ac.uk, +44 (0) 1792 295601,
- Hosting Office: Dr. Zheng Liu(Cardiff Metropolitan University, UK), ZLiu@cardiffmet.ac.uk  
Address: Department of Economics, School of Social Sciences, Swansea University,  
Bay Campus, Fabian Way, Crymlyn Burrows, Swansea, SA1 8EN, Wales, UK
- Organizing Chair: Prof. Dr. JinHyo Joseph Yun (Principal Professor of SOI Open Innovation Academy; Organizing President of SOI and Editor-in-Chief of JOI; Tenured Principal Researcher of DGIST, Korea)  
Contact: jhyun@dgist.ac.kr +82-53-785-4410, Mobile: +82-10-6697-8355
- Organizing Office-SOI Secretariat: Prof. Dr. XIAOFEI ZHAO (Professor of Open Innovation Academy; Senior Researcher of DGIST, Korea)  
Contact: openinnovationtmc@dgist.ac.kr, 82-53-785-4414, Mobile: +82-10-4072-8595  
Address: 333 Techno Jungang-daero, Hyeonpung-myeon, Dalseong-gun, Daegu, 42988, Korea



Business Model Design Compass

# Business Model Design Compass

Open Innovation Funnel to  
Schumpeterian New Combination  
Business Model Developing Circle

 Springer



Let's conquer the growth limit of capitalism!



# Journal of Open Innovation: Technology, Market, and Complexity

an Open Access Journal by MDPI

Editor-in-Chief: JinHyo Joseph Yun

[jhyun@dgist.ac.kr](mailto:jhyun@dgist.ac.kr)

[www.mdpi.com/journal/JOItmC/](http://www.mdpi.com/journal/JOItmC/)



Academic Open Access Publishing  
since 1996