

Welcome Speech by the Organizing President of SOI

-Prof. Dr. JinHyo Joseph Yun

I am so proud of SOI 2021 members, SOI 2021 Keynote speakers, and all of you here because we have nearly conquered the invasion of COVID-19, and gathered here with creative ideas on “Open Innovation and Business Model after Pandemic” at SOI 2021 offline and online Conference.

Honor Professor Philip Cooke, Fred Philips, Keun Lee, Giovanni Schiuma, Venni Krishna, Kwangho Jung, Alexander Brem, Natalja Lace, and my heart all colleague professors, and researchers, we are here at DGIST in Korea again with much more accumulated experiences on Pandemic, and new ideas about after-Pandemic than last year.

Thanks a lot, to the hosting chair, Professor Natalja Lace, and all Riga Technical University colleagues for hosting, preparing, and joining at this online conference. Most of all, I thanks to Mr. Kuk, the president of DGIST for giving us a chance to organize SOI 2021 at DGIST again.

Nearly 170 papers from more than 110 universities or research institutes in about 20 countries will be presented about “Open Innovation and Business Model after Pandemic of COVID-19”. Thanks to all presenters and discussers at SOI 2021 especially for your future-orientated ideas which could contribute to the recovery of world economy after Pandemic.

May I introduce my own 6 ideas to treat “Open Innovation and Business Model after Pandemic of COVID-19”? I individually prepared 6 working papers to tackle this issue with total about 20 colleagues from 6 countries.

First, I analyzed the dynamic change which had appeared before Pandemic, and which is being escalated during the Pandemic in academic society. At my new working paper for SOI 2021 “Does collective intelligence motivate open innovation? The difference between open access journal, and closed access journal”, I analyzed the explosion of open access journal in quantity and quality together. I prepared this paper with Dr. EuiSeob Jung, and SangWoo Kim from KISTI in Korea, and Mr. KyungHun Kim from Local Administration Research Institute in Korea.

Second, I analyzed the dynamic evolution of smart payment industry which has dramatically been increased during the Pandemic. My new working paper which is prepared for SOI 2021 to tackle this issue, has title “The dynamics of open innovation and business model in mobile payment industry; comparing 3 different economies; Korea, China, and U.K”. I prepared this paper with professor Xiaofei Zhao from DGIST in Korea, professor Lei Ma from Nanjing Technological University in China, professor Zheng Liu from Males Metropolitan university in UK, and professor Yang Bo who is Swansea University in UK.

Third, I analyzed open innovation and business of common goods because the value of common goods such as the health of our community, the value of our common knowledge, or the environmental safety of our community etc. is receiving more and more attentions from the public in this Pandemic. I prepared new working paper for SOI 2021 about this issue, which is “The comedy of commons; participation, democratization, and open

innovation with new business model'. I prepared this paper with professor Xiaofei Zhao from DGIST in Korea, professor KyungBae Park from Sangji university in Korea, Professor Valentina Della Corte, and professor Giovanna Del Gaudio from Federico 2 Naples university in Italy. Soon, professor Sergei Evgenevich Barykin from Peter the Great St. Petersburg Polytechnic University in Russia will join this with common cases of Russia.

Fourth, I analyzed open innovation and business model of furniture design which was one of cores at the offline in-house life during the Pandemic. I prepared new working paper for SOI 2021 after 2 years in advance preparation, the title of which is "Open innovation dynamics of furniture design; the difference between IKEA and Nitori". I prepared this paper with professor Yuri Sadoi from Meijo university in Japan, and professor Xiaofei Zhao from DGIST in Korea. Another Sweden professor will join to this to develop this paper soon.

Fifth, I am analyzing the explosive growing up of telemedicine during the Pandemic in UK, and the opposite situation in Korea. I have nearly prepared new working paper for SOI 2021 about this issue, the title of which is "Regulation conversion fitting to open innovation". I am preparing this working paper with professor Xiaofei Zhao from DGIST in Korea, professor HangSik Park from Eulji university in Korea, professor Yang Bo from Swansea university in UK, and professor Zheng Liu from Cardiff Metropolitan university in UK.

Sixth, I built the simulation model of the open innovation dynamics at micro situation to understand the open innovation strategies of firms under the Pandemic. I prepared the working paper for this issue which will be presented at SOI 2021. Its title is "Micro dynamics of open innovation under the inter-rationality: modeling and validating the diversity in cost, benefit, and time-lag". I prepared this working paper with professor HeungJu Ahn from DGIST, Professor Xiaofei Zhao from DGIST, Dr. Euiseob Jeong from KISTI, and professor KyungBae Park from SangJi university.

Let us enjoy fantastic keynote speeches, creative papers & business model presentations, and 2 days intensive SOI 2021 summer school lectures all together in addition to well-prepared industrial tour, culture tour, VIP dinner, Gala dinner, and inviting Dinner, all of which will be provided by free if only in advance registration.

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