

## **Congratulatory Speech by the Executive President of SOItmC**

**-Prof. Dr. DongKyu Won**

At the University of Naples Federico II, the first public university in Europe, which, six years later, will be the 800th anniversary of its opening, it is very meaningful to have a conference on the subject of “How to respond to the 4th Industrial Revolution? -Open Innovation and Cyber-Physics from Manufacturing to Service Industry”.

Future society by the Fourth Industrial Revolution is expected to be a new change that we will experience for the first time. In this regard, it is necessary to develop a logic to cope with the emerging social issues such as productivity, jobs, quality of life, and social and ethical problems.

So what is the fourth industrial revolution? In the era of the Fourth Industrial Revolution, technically different production factors such as IoT (Hyper-Connectivity), Big Data (new capital), AI (Hyper-Intelligence) and Block-Chain (Hyper-Trust) will be used.

And it can be defined as an industrial intelligence revolution characterized by “continuous short-term innovation” which is different from the existing tertiary industrial revolution in terms of speed, scope, depth and trust.

In other words, if the first and second industrial revolution has modernized the physical space, and the third industrial revolution has revolutionized the modernization in the cyberspace, the fourth industrial revolution brings the new blueprint of the future by fusing physical space and cyberspace.

What are the strategies for actively responding to the society in which these new changes are expected? This conference will be a place where the researchers from all over the world will have a heated debate and presentation on this question.

Just as the foundation of the scientific revolution in the past Renaissance era became a bridge linking the middle ages to the early modern era, I wish for a new foundation for the Fourth Industrial Revolution in the birthplace of the Renaissance.

I would especially like to thank the University of Naples Federico II for giving this opportunity.

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**DongKyu Won**  
*Executive President of SOItmC*