

2021 International Joint Symposium on Technological Convergence, Manufacturing & Nano/Biosystems

Live
Virtual
Meeting

Date : 1:00 PM, July 20th (Tuesday), 2021 (Korean Time)

Webinar via Zoom : <https://us02web.zoom.us/j/88365032963>

(Meeting ID : 883 6503 2963)

Time	Speaker / Title
13:00 - 13:10	Opening Remark
13:10 - 13:30	Prof. Sungwook Park (Hanyang University) - Introduction to BK21 FOUR program in Mechanical Engineering of Hanyang University
13:30 - 13:50	Prof. Seunghun Jung (Chonnam National University) - Introduction to BK21 FOUR program in Mechanical Engineering of Chonnam National University
13:50 - 14:10	Prof. Dong-Weon Lee (Chonnam National University) - Introduction to Advanced Medical Device Research Center for Cardiovascular Disease
14:10 - 14:30	Prof. Young L. Kim (Purdue University) - Natural metamaterials and mobile health spectroscopy
14:30 - 14:50	Prof. Hugh Lee (Purdue University) - Towards more reliable and smarter implantable medical devices
14:50 - 15:10	Prof. Jeong Bong Lee (The University of Texas at Dallas) - Wireless Micro Devices for Biomedical Applications
15:10 - 15:30	Prof. Jessie Sungyun Jeon (Korea Advanced Institute of Science and Technology) - Disease modeling and drug screening in lab-on-a-chip system
15:30 - 15:50	Prof. Nam-Joon Cho (Nanyang Technological University) - Transforming Hard Pollen into a New Class of Soft-Matter Material Innovations
15:50 - 16:10	Prof. Hyunjoon Kong (University of Illinois Urbana-Champaign) - Active Soft Machinery for Disinfection and Cell Therapies
16:10 - 16:30	Prof. Chang Y. Ryu (Rensselaer Polytechnic Institute) - Photopolymerization-induced Phase Separation: Competition between Photopolymerization and Phase Separation Kinetics for Stereolithography
16:30 - 16:50	Prof. Chi Hwan Lee (Purdue University) - Smart Contact Lenses for Ocular Healthcare
16:50 - 17:00	Closing Remark

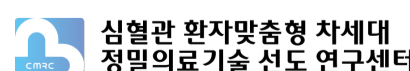
Organizer/Sponsor



BK21 FOUR Student-Value Creating Education Program for Mechanical Engineers in Intelligent System, Department of Mechanical Convergence Engineering, Hanyang University



BK21 FOUR, Innovative Research and Education Center for Future Mechanical Engineers, Department of Mechanical Engineering, Chonnam National University



Advanced Medical Device Research Center for Cardiovascular Disease



Global Human Resource Development for Innovative Design in Robot and Engineering