

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

Live  
Virtual  
Meeting

**Date** : 9:00 AM, Dec 27th (Monday), 2021 (Korean Time)

**Webinar via Zoom** : <https://us02web.zoom.us/j/86837996378>

(Meeting ID : 868 3799 6378)

## Agenda

Time	Speaker / Title
09:00 - 09:10	Opening Remark
09:10 - 09:30	Prof. Sungwook Park (Hanyang University) - Introduction to BK21 FOUR program in Mechanical Engineering of Hanyang University
09:30 - 09:50	Prof. Dong-Weon Lee (Chonnam National University) - Introduction to Advanced Medical Device Research Center for Cardiovascular Disease
09:50 - 10:10	Prof. Chi Hwan Lee (Purdue University) - On-Eye Biomedical Devices for Ocular Healthcare
10:10 - 10:30	Prof. Yoon Yeo (Purdue University) - Immunoactive complexes for local immunotherapy of cancer
10:30 - 10:50	Prof. Sang-Hoon Bae (Washington University in Saint Louis) - Freestanding nanomembrane towards future electronics
10:50 - 11:10	Prof. Hyun-Joong Chung (University of Alberta) - Mock-Aorta Materials in Ex-vivo Heart Perfusion Device
11:10 - 11:30	Prof. Nam-Joon Cho (Nanyang Technological University) - Cross-Economy: Converting Waste to Useful Materials for Sustainability
11:30 - 11:50	Prof. ChaBum Lee (Texas A&M University) - Metrology and inspection of patterns and those defects for rolls, photomasks and wafers
11:50 - 12:00	Closing Remark

## Organizer/Sponsor



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



Advanced Medical Device Research Center for Cardiovascular Disease



Mechanical Engineering and Technology Research Institute, Hanyang University