

8TH HYU-CNU JOINT SYMPOSIUM

*2025 International Joint Symposium on Convergence
Technology of Mechanical Engineering
(On-site & Virtual Hybrid Meeting)*

14:00 PM, June 12 (Thu), 2025 (Korean Time)

Conference Hall, Chung Mong-Koo Automotive Research Center,
Hanyang University, Seoul, South Korea



Webinar via Zoom :

<https://us02web.zoom.us/j/85311473660>

[Meeting ID : 853 1147 3660]

Time	Speaker / Title
14:00 - 14:05	Opening Remark
14:05-14:30	Prof. Martin Byung-Guk Jun (Purdue University) – Physical AI and bridging physical and digital environments for smart manufacturing
14:30-14:55	Prof. Jiwoong Bae (Hanyang University) – Organic solid electrolytes for next-generation batteries
14:55 - 15:20	Prof. Stephen Baek (the University of Virginia) – Can AI uncover the laws of physics by observing apples falling from trees?
15:20 - 15:45	Prof. Jinhyeok Cha (Chonnam National University) – Advanced molecular simulation for emerging materials toward electrification
15:45 - 16:10	Prof. Sang-Hoon Bae (Washington University in St. Louis) – Artificially designed 2D/3D heterostructures: materials innovations to M3D AI hardware
16:10-16:35	Prof. Jae Sung Park (the University of Nebraska-Lincoln) – Flow control for turbulence and complex fluids
16:35-17:00	Prof. Ki Joon Heo (Chonnam National University) – Bioaerosol science & technology for environmental machinery
17:00-17:25	Prof. Chi Hwan Lee (Purdue University) – Scalable production of wearable biomedical sensors
17:25-17:30	Closing Remark
18:00–	Dinner

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