

International Joint Symposium on Convergence Technology of Mechanical Engineering

(On-site & Virtual Hybrid Meeting)

- **Date**

13:00 PM, July 5th (Wednesday), 2023 (Korean Time)

- **On-site location**

Seminar Room, Museum, Hanyang University, Seoul, South Korea

- **Webinar via Zoom**

<https://us02web.zoom.us/j/87568761815> [Click](#) (Meeting ID : 875 6876 1815)

Agenda

Time	Speaker / Title
13:00-13:10	Opening remark
13:10-13:40	Prof. Chi Hwan Lee (Purdue University) - Mechanically soft materials for healthcare applications
13:40-14:10	Prof. Hugh Lee (Purdue University) - Enabling smart medical devices for neurosurgery with microscale sensors and Actuators
14:10-14:40	Prof. Hanna Cho (The Ohio State University) - The role of collagen piezoelectricity in the intrafibrillar mineralization
14:40-15:10	Prof. Young L. Kim (Purdue University) - Hyperspectral learning form mobile health applications
15:10-15:30	Break Session
15:30-16:00	Prof. Hugh Lee (Washington University in St. Louis) - Physics and engineering application in radiation oncology
16:00-16:30	Prof. Yoon Yeo (Purdue University) - Carrier engineering for chemoimmunotherapy of solid tumors
16:30-17:00	Prof. Seungpyo Hong (University of Wisconsin-Madison) - Dendritic nanoparticles for improved cancer immunotherapy and combination therapy
17:00-17:10	Closing remark
18:00	Dinner

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, Chonnam National University



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