

## Session 2: ZJU-UIUC Forum (Engineering<sup>+</sup>)

Theme: The ZJU-UIUC Forum is based on active collaborations among ZJU, Illinois, and the other global partners. It explores Engineering Frontier Challenges in Engineering Sciences for Devices and Applied Materials, Energy, Environment, and Sustainable Systems Sciences.

- Chair: Prof. Der-Horng LEE
- Hosts: HU Huan, PENG Boyu, LI Chushan, FAN Yifan
- Date: January 5, 2023



Time	Topic	Speaker
13:00-13:30	X-ray optics and its micro-nano detection systems and instruments	Prof. LE Zichun
13:30-14:00	Helium ion technology and its application in semiconductor manufacturing and devices	Prof. HU Huan
14:00-14:20	Membrane Surface Engineering for Oily Wastewater Separation: From Materials to Device Design	Prof. YANG Hao-Cheng
14:20-14:40	Functional polyolefins and functional polymer-based nano- materials	Prof. SONG Shaofei
14:40-15:00	3D Nanoprinting Using Nanocluster-Based Photoresist	Prof. LI Qi
15:00-15:30	Renewable Energy Dominated Modern Power System- Challenges, Solutions and Perspectives	Prof. YANG Qiang
15:30-16:00	Functional Microgrid and Consumer-side Energy Internet	Prof. LI Zuyi
16:00-16:30	Towards the design of urban climate	Assoc. Prof. WANG Kai
16:30-17:00	Pathogen transmission and infection control in indoor environments	Assoc. Prof. XIAO Shenglan

