

Live  
Virtual  
Meeting

# Global Human Resource Development for Innovative Design in Robot and Engineering

## “2022 Expert International Workshop”

Date : Jan 14 (Friday) 2022, 09:30-14:30 (Korean Time)

Webinar via Zoom : <https://us02web.zoom.us/j/8207568927>

(Open workshop for everyone)

Chairman: Prof. Seung Hwan Lee, Prof. Rhokyun Kwak

Korean Time		Topic	Speaker
09:30 – 10:30 am	Robot	A Review of Nuclear Propulsion in Space and Sustainability Considerations	Prof. Sung Wook Paek City, University of London, UK
10:30 – 11:30 am	Robot	Constrained Attitude Control of A Space/Underwater Robot using Geometric Mechanics	Prof. Dae Young Lee Iowa State University, USA
<b>Break Time</b>			
12:30 – 13:10 pm	Engineering	Predicting Fluid and Reactive Transport in Porous and Fractured Media Across Scales	Prof. Peter Kang University of Minnesota, USA
13:10 – 13:50 pm	Engineering	Emerging Membrane Processes for Energy and Resource Harvesting from Wastewater	Prof. Jongho Lee University of British Columbia, Canada
13:50 – 14:30 pm	Engineering	Controlling Fluid Flows and Ion Transport for Engineering- Better Electrochemical Systems	Prof. Rhokyun Kwak Hanyang University, Korea

- Organized by Global Human Resource Development for Innovative Design in Robot and Engineering in Korea
- Sponsored by the Ministry of Trade, Industry, and Energy (MOTIE) in Korea
- Supervised by the Korea Institute for Advancement of Technology (KIAT) in Korea