

Schedule

Auditorium Samsung Library, SKKU

12 DEC (Thur)

- 9:00 ~ 9:20 **Opening Ceremony, President** of SKKU
Chair: Sung Wng Kim
- Zhong Lin Wang** Georgia Institute of Technology
9:20 ~ 10:00 Maxwell's Displacement Current Governed Triboelectric Nanogenerator for Self-powered Systems and Blue Energy
- Thierry Brousse** University of Nantes
10:00 ~ 10:40 Microsupercapacitors: Where Science Ends and Technology Begins?
- Sang-Woo Kim** SKKU
10:40 ~ 11:10 Triboelectrification for Energy Harvesting, Delivery and Tribotronics
- Vincent Dusastre** Nature Materials
11:10 ~ 11:40 Nature Materials and Trends in Renewable Energy Research
- Lunch
11:40 ~ 13:30
Chair: Sang Woo Kim
- Douglas R. MacFarlane** Monash University
13:30 ~ 14:10 Sustainable N₂ Reduction to Ammonia: Towards the "N-economy"
- Ho Seok Park** SKKU
14:10 ~ 14:40 Emergent Surface Redox Charge Storage of 2D Nanomaterials
- Olga Bubnova** Nature Nanotechnology
14:40 ~ 15:10 Nature Nanotechnology
- Benjamin Martindale & Jacilynn Brant** Nature Communications
15:10 ~ 15:40 Nature Communications: Overview and Highlights
- Coffee break
15:40 ~ 16:10
Chair: Ho Seok Park
- Peidong Yang** University of California, Berkeley
16:10 ~ 16:50 The Chemistry of Making Semiconductor Nanowires for Artificial Photosynthesis
- G. Jeffrey Snyder** Northwestern University
16:50 ~ 17:30 What's New in Thermoelectric Materials and Devices
- Sung Wng Kim** SKKU
17:30 ~ 18:00 Floating Two-dimensional Electron Phase on Ionic Crystal Surface and its Crystallization
- 18:00 ~ **Closing Remark, Vice President** of SKKU / Dinner