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|  | **First Workshop on Energy Research between Ajou University and Dalian Institute of Chemical Physics** |  |

Date: August 25 (Wed) 2021

Time: 12:50 - 17:10, Beijing Time *(13:50 – 18:10, Seoul Time)*

**Zoom Meeting:  
[https://zoom.us/j/7024081235?pwd=anJzY0hYVFZFUGRVVU4va3dRaTdBQT09](https://zoom.us/j/7024081235?pwd=anJzY0hYVFZFUGRVVU4va3dRaTdBQT09" \t "_blank)  
ID: 702 408 1235  
PW: q8YH9V**

Schedule

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| Time | Speaker | Presentation title |
| **Chairperson: Prof. Dr. Eun Duck Park (Ajou University)** | | |
| 13:50 | Prof. Hye-Young Jang  (Dean of Energy Systems Research) | Greetings |
| 13:55 | Prof. LI Xianfeng (Deputy Director General) | Greetings |
| **Chairperson: Prof. Dr. PENG Zhangquan (DICP)** | | |
| 14:00 – 14:20 | Prof. Hosung Seo | First-principles theory of point defects in semiconductors for quantum technologies |
| 14:20 – 14:40 | Prof. FU Qiang | Operando and In-situ Surface Science Studies in Energy Storage Devices |
| 14:40 – 15:00 | Dr. Narendar Gogurla | Smart energy tattoo systems for human-machine interfaces |
| **Chairperson: Prof. Dr. Won-Jin Kwak (Ajou University)** | | |
| 15:00 – 15:20 | Prof. PENG Zhangquan | Lithium-Oxygen Electrochemistry Studied by Advanced Spectroscopy |
| 15:20 – 15:40 | Dr. Arumugam Sivanantham | High Entropy alloys as efficient electrocatalysts for water splitting: a case study on CuCoNiFeMn |
| 15:40 – 16:00 | Prof. ZHANG Changkun | Organic Electrolytes Towards High-Performance Flow Batteries |
| **Chairperson: Prof. Dr. ZHANG Changkun (DICP)** | | |
| 16:00 – 16:20 | Prof. Shakara S. Kalanur | Exploring lead vanadates for solar water splitting applications |
| 16:20 – 16:40 | Prof. LI Rengui | Solar Energy Storage and Conversion via Photocatalytic Water Splitting |
| 16:40 – 17:00 | Prof. Yu Kwon Kim | Possibility of using molten liquid alloy in mass production of turquoise hydrogen from methane |
| **Chairperson: Prof. Dr. In Sun Cho (Ajou University)** | | |
| 17:00 – 17:20 | Prof. YU Hongmei | Polymer Electrolysis for Hydrogen Production |
| 17:20 – 17:40 | Prof. Sungju Yu | The Chemical Potential of Plasmonic Excitations for Solar-to-Fuel Conversion |
| 17:40 – 18:00 | Prof. SUN Jian | Direct CO2 Hydrogenation into high valued Fuels and Chemicals |
| **Chairperson: Prof. Dr. XIAO Yu (DICP)** | | |
| 18:00 – 18:05 | Prof. Hye-Young Jang  (Dean of Energy Systems Research) | Concluding remarks |
| 18:05 – 18:10 | Prof. LI Xianfeng (Deputy Director General) | Concluding remarks |