

The 5th EU-Korea Bilateral Workshop on Materials for Energy Applications

Program

Location: Room Gallieni 12 at level 2

Time: 1:30 pm – 6:30 pm on 30th of May 2019

Time (PM)	Speaker	Title
1:30 – 1:40	H. Randriamahazaka, B. Shin	Opening of the joint workshop
1:40 – 1:50	E-MRS representative & Jeon-Kook Lee (MRS-K President)	Welcome Remarks
Session I (Chair: B. Shin)		
1:50 – 2:05	Donghwan Kim (Korea Univ.)	Recent Trends in High-Efficiency Si Solar Cells
2:05 – 2:30	David O. Scanlon (Imperial College)	Design of novel dopants for higher performance TCOs
2:30 – 2:55	Oi Lun Helena Li (Pusan Nat'l Univ.)	Selective nitrogen-doped carbon electrocatalyst for fuel cell system in maritime application
2:55 – 3:20	Nianjun Yang (Univ. of Siegen)	Advanced Carbon Materials for Clean Energy Applications
3:20 – 3:45	Yun Seog Lee (Seoul Nat'l Univ.)	Defect engineering of thin-film kesterite solar cells by silver-alloying
3:45 – 4:10	Hyacinthe Randriamahazaka (Université de Paris)	Surface modification of photoelectrode for water splitting
4:10 – 4:20	Break	
Session II (Chair: H. Randriamahazaka)		
4:20 – 4:45	Taek-Soo Kim (KAIST)	Mechanical Properties of Advanced Thin Films for Energy Applications
4:45 – 5:10	Juan Ramón Morante (IREC)	Insights into the electrochemical conversion reactors for CO ₂ reduction
5:10 – 5:35	Yeon Sik Jung (KAIST)	Nanoscale Patterning of Materials for Their Property Enhancements
5:35 – 6:00	Mariam Barawi Morán (Imdea Energy Institute)	Solar to fuel energy conversion through photocatalytic and photoelectrochemical cells
6:00 – 6:25	Byungha Shin (KAIST)	Low-dimensional formamidinium lead perovskite architectures via controllable solvent intercalation
6:25 – 6:30	H. Randriamahazaka, B. Shin	Wrap-up
6:30 – 8:30	Dinner	