



3rd EU-Korea Workshop on Graphene and Related 2D Materials

2017. 12. 5 (Tue) – 6 (Wed)
Ballroom 2, Ramada Plaza Hotel, Jeju, Korea

 Korean Graphene Society
한국 그래핀 연구회

 GRAPHENE FLAGSHIP

Dec 5	09:45 - 09:50	Opening Hyeon Suk Shin & Paolo Samori
	09:50 - 10:00	Welcome & Introduction of 2D Materials Research in Korea Sung-Yool Choi (KAIST, Korea)
	10:00 - 10:20	Graphene Flagship : the present status and future plans Jari Kinaret (Chalmers University of Technology, Sweden)
	10:20 - 10:40	CVD graphene, diamane, 3D structures from assembly of graphene oxide sheets Rodney Ruoff (IBS & UNIST, Korea)
	10:40 - 11:00	When molecular science meets 2-D materials: combining multiple functions Paolo Samori (University of Strasbourg & CNRS, France)
	11:00 - 11:20	Unusual transparencies of graphene Jeong-O Lee (KRICT, Korea)
	11:20 - 11:40	Large scale production of 2D crystals for energy applications Francesco Bonaccorso (Istituto Italiano di Tecnologia, Italy)
	11:40 - 12:00	Graphene and Two-Dimensional Materials for In-Plane Micro-Supercapacitors Xinliang Feng (Technical University Dresden, Germany)
	12:00 - 13:00	Lunch
	13:30 - 13:50	Two-Dimensional Covalent Network Polymers for Energy Conversion and Storage Jong-Beom Baek (UNIST, Korea)
	13:50 - 14:10	Hierarchical, multi-layered composite foams of graphene and metal oxides for energy storage Vincenzo Palermo (National Research Council (CNR) Bologna, Italy)
	14:10 - 14:30	Graphene-Based Membranes Ho Bum Park (Hanyang University, Korea)
	14:30 - 14:50	The emerging graphene and 2D material pharmacology Kostas Kostarelos (University of Manchester, UK)
	14:50 - 15:10	How a potential cytotoxic effect of graphene could be exploited for cancer treatment Bianco Alberto (University of Strasbourg & CNRS, France)
	15:10 - 15:40	Break
	15:40 - 16:00	Production and Characterization of Large Area Graphene Seungmin Cho (MCK Tech, Korea)

Dec 5	16:00 - 16:20	Graphene Integration: Current Status and Challenges Amaia Zurutuza (Graphenea, Spain)
	16:20 - 16:40	Graphene and 2D Layered materials; Device Application Prospect Hyeon-Jin Shin (Samsung Electronics, Korea)
	16:40 - 17:00	2D Materials: Crystal Growth for Future Electronics Luigi Colombo (Texas Instruments, USA)
	17:00 - 17:20	The role of edge disorder in graphene devices Peter Bøggild (Technical University of Denmark, Denmark)
	17:20 - 17:40	Graphene Films for Stretchable Electronics Byung Hee Hong (SNU, Korea)
	17:40 - 18:00	Discussion
	18:00 - 19:00	Dinner
Dec 6	09:00 - 09:20	Graphene application towards flexible and stretchable OLED display Jong Hyun Park (LG Display, Korea)
	09:20 - 09:40	Scalable van der Waals heterostacks for optoelectronics Camilla Coletti (Istituto Italiano di Tecnologia, Italy)
	09:40 - 10:00	p-Type Chemical Doping for Stable Graphene Anodes Tae-Woo Lee (SNU, Korea)
	10:00 - 10:20	Graphene and other 2D related materials interface engineering for highly efficient and stable organic and perovskite solar cells Emmanuel Kymakis (Technological Educational Institute of Crete, Greece)
	10:20 - 10:40	Technical realization of large area graphene anode OLED Jeong-Ik Lee (ETRI, Korea)
	10:40 - 11:00	Mechanics of Graphene in Suspended, Supported and Embedded States Costas Galiotis (University of Patras and FORTH/ICE-HT, Greece)
	11:00 - 11:20	Ultrafast optical studies of valley states in 2D transition metal dichalcogenides Jonghwan Kim (POSTECH, Korea)
	11:20 - 12:00	Discussion
	12:00 - 13:00	Lunch