

Programme EU-Korea Workshop

15 – 16 August 2016

Natural History Museum – Geological Museum, Copenhagen, Denmark

Workshop chairs: Prof. Jari Kinaret (Sweden) and Prof. Hyeonsik Cheong (Republic of Korea)

Program chairs: Prof. Xinliang Feng (Germany), Prof. Paolo Samori (France), Prof. Hyeon Suk Shin (Republic of Korea) and Prof. Hyun-Jong Chung (Republic of Korea)

Time	Day 1	Day 2
8:00-8:30	Registration	Registration
8:30-8:45	Registration	Vincenzo Palermo Electrochemical Functionalization of Graphene at the Nanoscale with Self-Assembling Diazonium Salts
8:45-9:00	Welcome and opening (Xinliang Feng, Hyeon Suk Shin, Jari Kinaret)	
9:00-9:30	Jari Kinaret Graphene Flagship in the global context	Maurizio Prato Functionalization of Graphene for Applications in Materials Science and Nanomedicine
9:30-10:00	Hyeonsik Cheong Resonance Raman spectroscopy of 2D layered materials	Alberto Bianco Immune cell interaction and biodegradation of graphene related materials
10:00-10:30	Ken Teo Towards industrial graphene production	Sunmin Ryu Raman Spectroscopy for Surface Scientific Investigation of 2-Dimensional Crystals
10:30-11:00	Coffee break	Coffee break
11:00-11:30	Paolo Samori Supramolecular approaches to 2-D materials: from complex structures to sophisticated functions	Young Hee Lee What is unique in 2D layered materials?
11:30-12:00	Sang Ouk Kim Chemically Modified/Doped Graphene Based Nanomaterials	Seokwoo Jeon Strong Light Emission from/with Graphene
12:00-12:30	Siegfried Eigler Functionalization of Graphene by Oxo-Addends	Stephen A Hodge Advanced printing and applications of 2D material-based inks
12:30-14:00	Lunch	Lunch
14:00-14:30	Rod Ruoff Diamane	Hyun-Jong Chung Recent Progress in Graphene Barristors
14:30-15:00	Andrey Turchanin 2D Carbon Materials by Conversion of Organic Monolayers	Peter Bøggild “Hot pick-up” batch assembly of van der Waals heterostructures

15:00-15:30	Kilwon Cho Synthesis of Uniform and Defect-free Graphene via Control of Atomistic Dynamics of Carbon on Cu surface	Antti-Pekka Jauho Transport properties of nanostructured graphene
15:30-16:00	Coffee Break	Coffee break
16:00-16:30	Xinliang Feng New Generation of Graphene for Flexible Energy Devices	Seongjun Park Two Dimensional Materials for Si Technology
16:30-17:00	Hyeon Suk Shin Growth and Application of Hexagonal Boron Nitride	Julio Gomez Cordon Preparation bulk graphene for energy and composites. Preparation of cost-effective ultralow percolation threshold graphene composites
17:00-17:30	Emmanuel Kymakis Graphene and other 2D-based materials for high efficient, stable organic and perovskite solar cells	Discussion on next steps and future collaborations
17:30-18:00	Discussion on collaboration	
20:00-22:00	Workshop Dinner	

- Session 1: EU and Korea Graphene Activities
- Session 2: Chemistry and Synthesis 1
- Session 3: Chemistry and Synthesis 2
- Session 4: Chemistry and Energy related applications
- Session 5: Chemistry and Biomedical related applications
- Session 6: Optoelectronics 1
- Session 7: Optoelectronics 2
- Session 8: Production and Industrial Perspectives