

TENTATIVE PROGRAM (as of 25/05/2020)



K: Keynote lecture / I: Invited Lecture / FP: FlashPoster contribution



Wednesday (27/05/2020)

08:50 – 09:00: *Opening - Welcome and Introduction*

- 09:00 – 09:30: **Byung Hee Hong** (Seoul National University, Korea) K
Commercial Scale Production of CVD Graphene and Graphene Quantum Dots
- 09:30 – 09:50: **Amaia Zurutuza** (Graphenea, Spain) I
Developing a graphene industry
- 09:50 – 10:05: **Ravi Sundaram** (Oxford Instruments, UK) I
From labs to pilot lines : Graphene and related materials device fabrication solutions
- 10:05 – 10:30: **FlashPoster Session 1 (X5)**
- 10:05 – 10:10: **Erik Khranovskyy** (GRAFREN AB, Sweden) FP
Cost efficient washing and purification process for graphene oxide manufacturing at industrial scale
- 10:10 – 10:15: **Martin R. Lohe** (Sixonia Tech GmbH, Germany) FP
Functionalized Few-Layer-Graphenes: High Quality and Outstanding Processability without Compromises
- 10:15 – 10:20: **Roberto Muñoz** (Materials Science Institute of Madrid, Spain) FP
Direct growth of graphene on MoS₂: Towards Van der Waals heterostructures
- 10:20 – 10:25: **Dong Jin Kim** (Seoul National University, South Korea) FP
Confocal Laser Scanning Microscopy as a Real-time Quality-assessment Tool for Industrial Graphene Synthesis
- 10:25 – 10:30: **Sha Li** (AMO GmbH, Germany) FP
Graphene Wafer Scale Integration
- 10:30– 10:50: *Break*
- 10:50 – 11:20: **Barbaros Ozyilmaz** (NUS, Singapore) K
Synthesis, properties and applications of free-standing monolayer amorphous carbon & nanoporous graphene foam
- 11:20 – 11:50: **Francesco Bonaccorso** (BeDimensional, Italy) K
Title to be defined
- 11:50 – 12:10: **Siva Böhm** (The Royal Society Industry Fellow, UK) I
Graphene Application in Energy Storage
- 12:10 – 13:00: **ePoster Session**
- 13:00 – 14:00: *Lunch Break*
- 14:00 – 14:30: **Mar Garcia Hernandez** (ICMM/CSIC, Spain) K
A versatile graphene-based platform for biomedical sensors
- 14:30 – 14:50: **Rune Wendelbo** (Abalonyx, Norway) I
Derivatives of Graphene Oxide for different target applications
- 14:50 – 15:10: **Marc Chaigneau** (HORIBA FRANCE SAS, France) I
Correlated TERS, TEPL, & SPM measurements of 2D Materials
- 15:10 – 15:30: **FlashPoster Session 2 (X4)**
- 15:10 – 15:15: **Stefano Razza** (C.H.O.S.E., University Of Rome Tor Vergata, Italy) FP
Laser Processing optimization for 2D materials-perovskite solar modules
- 15:15 – 15:20: **Albert Schnieders** (CNM Technologies GmbH, Germany) FP
Water Filtration with Carbon Nanomembranes

15:20 – 15:25: Julio Chacon (Yachay Tech University, Ecuador)	FP
Revealing supramolecular interactions in graphene-chitosan composites	
15:25 – 15:30: Aleandro Antidormi (ICN2, Catalan Institute of NanoScience and Nanotechnology, Spain)	FP
Disordered Graphene Materials: Atomistic Characterization and Performances	
15:30 – 15:50: <i>Break</i>	
15:50 – 16:20: Frank Koppens (ICFO, Spain)	K
Transparent image sensor for eye-tracking and nanophotonic infrared photodetectors	
16:20 – 16:40: Vincent Bouchiat (Grapheal, France)	I
Flexible graphene biosensors for wearable applications	
16:40 – 17:10: Paolo Bondavalli (Thales Research & Technology, France)	K
Perspectives of applications of 2D materials: Moore's and beyond CMOS view	
17:10 – 17:25: Luigi Colombo (The University of Texas at Dallas, USA)	I
Challenges and progress in two-dimensional materials for industrial applications	
17:25 – 17:40: Archana Venugopal (Texas Instruments, USA)	I
Challenges and progress in two-dimensional materials for industrial applications	
17:40 – 18:30: Round Table	
18:30: Closing	