



## TENTATIVE PROGRAM (as of 09/03/2018)

K: Keynote lecture / I: Invited Lecture / O: Oral contribution



### WEDNESDAY (14/03/2018)

- 09:00 – 09:30: Karl S. Coleman (Durham University, UK) K  
*Structure Evolution and Control in Graphene Polymer Composites*
- 09:30 – 10:00: Costas Galiotis (FORTH/ ICE-HT and University of Patras, Greece) K  
*Multi-functional CVD graphene/polymer nanolaminates*
- 10:00 – 10:15: Manuel Belmonte (Institute of Ceramics and Glass (CSIC), Spain) O  
*Multifunctional ceramic/graphene composites*
- 10:15 – 10:30: Sandra Hernandez Aldave (Swansea University, UK) O  
*Fabrication and characterisation of Ion conductive polymer - graphene nanoplatelets composite thin films*
- 10:30 – 10:45: Azadeh Motealleh (Abalonyx, Norway) O  
*The potential of graphene oxide and reduced graphene oxide in fabrication of 3D printed ceramic and polymeric composites*
- 10:45– 11:30: *Coffee Break / Poster Session & Exhibition*
- 11:30 – 12:00: Vincenzo Palermo (ISOF-CNR, Italy) K  
*Graphene-based materials for large-scale applications: ideal graphene vs. real commercial products*
- 12:00 – 12:30: Robert Young (The University of Manchester, UK) K  
*The Mechanics of Reinforcement of Nanocomposites by 2D Materials*
- 12:30 – 13:00: Mallika Bohm (Talga Technologies Ltd, UK) I  
*Talga: Emerging high quality scalable graphene supply; path to high performance low eco impact multi-functional product applications*
- 13:00 – 14:30: *Lunch (offered by the organization)*
- 14:30 – 15:00: Alain Dufresne (Grenoble INP-Pagora, France) K  
*Nanoparticles from biological source and polymer nanocomposites*
- 15:00 – 15:15: Ana Beloqui (CICnanoGUNE, Spain) O  
*New biocatalytic composites assembled by metal ion coordination*
- 15:15 – 15:30: Gianvito Caputo (Italian Institute of Technology, Italy) O  
*Sustainable long chain polyester bioplastics from tomato peel waste sources*
- 15:30 – 15:45: Susana Guzman Puyol (Istituto Italiano di Tecnologia (IIT), Italy) O  
*All natural bioplastics from cellulose and cellulose-rich agro-wastes*
- 15:45 – 16:00: Hugo Mora Sánchez (Instituto IMDEA Materiales, Spain) O  
*Microstructure and mechanical characterization of thin bioactive PEO coatings fabricated on UFG CP Ti*
- 16:00 – 16:15: Giacomo Tedeschi (Istituto Italiano di Tecnologia - IIT, Italy) O  
*Sustainable fabrication of hydrophobic composite films inspired by plant cuticles*
- 16:15– 17:00: *Coffee Break / Poster Session & Exhibition*

17:00 – 17:30: Daniele Cangialosi (CFM-UPV/EHU-CSIC, Spain)	K
<i>Accessing low energy glasses by polymer nanostructuring</i>	
17:30 – 18:00: Roy Shenhar (The Hebrew University of Jerusalem, Israel)	K
<i>Block Copolymer-Based Nanocomposite Films: Hierarchical Structures by Chemical Design</i>	
18:00 – 18:30: Jannick Duchet-Rumeau (IMP@INSA, INSA Lyon-GDR CNRS, France)	K
<i>Ionic Liquids: versatility and potential as interfacial agents for designing physicochemical interactions and tailoring morphology and properties of nanofilled polymers</i>	
18:30 – 19:00: Alexander Bismarck (University of Vienna, Austria)	K
<i>Are Nanoreinforced Natural Fibre Composites the Route Forward?</i>	
19:00 – 19:15: Jose Covas (University of Minho, Portugal)	O
<i>Manufacture of electrically conductive PEEK filaments for 3D printing</i>	



#### THURSDAY (15/03/2018)

09:00 – 09:30: Nassia Athanassiou (Istituto Italiano di Tecnologia, Italy)	I
<i>Biocomposites in food packaging, water remediation and wound management</i>	
09:30 – 10:00: Maria Jorda Beneyto (ITENE, Spain)	I
<i>Modified nanoadditives for food packaging applications</i>	
10:00 – 10:30: David Mecerreyes (POLYMAT - UPV/EHU, Spain)	I
<i>Electroactive polymer composites for bioelectronics</i>	
10:30 – 11:00: <i>Coffee Break / Poster Session &amp; Exhibition</i>	
11:00 – 11:30: Jose Maria Lagaron (IATA-CSIC, Spain)	K
<i>High Throughput Electrospinning and Electro spraying for the Design of Innovative Nanomaterials and Structures of Application Interest</i>	
11:30 – 11:45: Cristina Monteserin (IK4-TEKNIKER, Spain)	O
<i>Effect of different types of electrospun polyamide 6 nanofibres on the mechanical properties of a carbon fibre/epoxy composites</i>	
11:45 – 12:00: Vanessa Garcia (FIDAMC, Spain)	O
<i>Carbon fiber/graphene doped epoxy demonstrator for aeronautic applications</i>	
12:00 – 12:30: Anna Roig (ICMAB-CSIC, Spain)	I
<i>Bacterial Nanocellulose: Surface Microstructuration and Composites</i>	
12:30 – 12:45: Tamara Calvo-Correas (University of the Basque Country, Spain)	O
<i>Synergic effect of magnetite nanoparticles and cellulose nanocrystals on shape-memory behaviour</i>	
12:45 – 13:00: Antoine Charbonneau (Celluforce, Canada)	O
<i>Cellulose nanocrystals: a biomaterial with great potential</i>	
13:00 – 13:15: Pablo González Miguel (ITAINNOVA Instituto Tecnológico de Aragón, Spain)	O
<i>Smart nanomaterials with cellulosic matrix and magnetic properties</i>	
13:15 – 14:45: <i>Lunch</i>	
14:45 – 15:15: Ahmed Elmarakbi (University of Sunderland, UK)	I
<i>Graphene for Vehicles Prototype</i>	
15:15 – 15:30: Laura Campagnolo (Istituto Italiano di Tecnologia, Italy)	O
<i>Silk fibroin/orange peel composite foam: an efficient adsorbent material for water remediation</i>	
15:30 – 15:45: Kizkitza González Munduate (University of the Basque Country, Spain)	O
<i>Starch based 'click' cross-linked conductive nanocomposite hydrogels</i>	
15:45 – 16:00: Aleandro Antidormi (University of Cagliari, Italy)	O
<i>On the Nature of Microscopic Heat Carriers in Nano-Porous Silicon</i>	
16:00 – 16:30: <i>Coffee Break / Poster Session &amp; Exhibition</i>	
16:30 – 17:00: Juan Jose Vilatela (IMDEA, Spain)	I
<i>Nanostructured fibres and fabrics for structural supercapacitor composites</i>	
17:00 – 17:30: Yogendra Kumar Mishra (Kiel University, Germany)	K

*Functional applications ZnO tetrapod nanomaterials made by flame transport synthesis*

17:30 – 18:00: Miguel Angel López Manchado (ICTP - CSIC, Spain)

I

*Multifunctional Properties of Rubber Nanocomposites*

18:00 – 18:30: Oleg Figovsky (Polymate Ltd. Israel)

K

*Title to be defined*

18:30: Closing