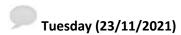


TENTATIVE PROGRAM (as of 22/11/2021)

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



08:00 – 09:00: Registration

09:00 – 09:15: Opening Ceremony

09:15 – 09:30: **Adolfo Morais Ezquerro** (Basque Government, Spain)
The Basque Country IKUR Strategy 2030 in Quantum Technologies
09:30 – 10:15: **Ignacio Cirac** (Max Planck Institute of Quantum Optics, Germany)
Quantum computers and many-body systems

10:15-11:15: Coffee Break / Poster Session / Exhibition

11:15 – 12:00: **Tommaso Calarco** (Forschungszentrum Jülich, Germany)

The European Quantum initiative: from a flagship to a fleet

12:00 – 12:45: **Andrea Ferrari** (Cambridge Graphene Centre, University of Cambridge, UK)

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The Graphene Flagship: The First 10 years

12:45 – 13:00: Yolanda de Miguel (Tecnalia, Spain)

Nanotechnology at the Basque Research and Technology Alliance (BRTA)

13:00 – 14:00: Cocktail lunch (offered by Imaginenano2021)

14:00 - 14:30: Poster session

Chairperson: Alexander S. Shaplov (LIST, Luxembourg)

14:30 – 15:00: Ian Kinloch (The University of Manchester, UK)

Graphene and other 2D Material Multifunctional Composites

15:00 – 15:20: Cristina Vallés (National Graphene Institute, UK)

Mechanical reinforcement and multifunctionality in graphene/polymer nanocomposites

15:20 – 15:50: Yehonadav Bekenstein (Technion, Israel)

Nanoengineering next-generation energy materials the case of CsPbBr3 perovskite nanocrystals

15:50 – 16:20: **Alexander S. Shaplov** (LIST, Luxembourg)

Five approaches towards design of single-ion conducting poly(ionic liquid)s for safe all-solid-state Li batteries

16:20 – 17:00: Coffee Break / ePoster Session / Exhibition

Wednesday (24/11/2021)

Chairperson: TBD	
09:00 – 09:30: Eduardo Ruiz-Hitzky (ICMM-CSIC, Spain)	K
Advances in Clay-Based Bionanocomposite Functional Materials	
09:30 – 09:50: Pilar Aranda (ICMM-CSIC, Spain)	- 1
Use of Clay-Based Bionanocomposites as Drug Delivery Systems	
09:50 – 10:05: Miren Blanco (Tekniker, Spain)	0
Biobased epoxy vitrimer for reprocessable composites	
10:05 – 10:20: Cristina Matos (ISQ, Portugal)	0
Challenges to the evaluation of the emerging risks concerning Nanocomposites - LightMe case study	
10:20– 11:20: Coffee Break / Poster Session / Exhibition	
Chairperson: Pilar Aranda (ICMM-CSIC, Spain)	
11:20 – 11:40: Arrate Huegun (CIDETEC, Spain)	I
Nanomodified reshapeable, repairable and recyclable epoxy resin for conducting composite materials	
11:40 – 11:55: Fangyuan Zheng (BCMaterials, Spain)	0
Photocatalytic PVDF/TiO2:Au nanostars membranes for ciprofloxacin degradation in water remediation	
11:55 – 12:10: Ander Reizabal (BCMaterials, Spain)	0
Silk Fibroin composites for next generation of sustainable smart materials development	
12:10 – 12:25: Daniil Nosov (aLuxembourg Institute of Science and Technology, Luxembourg)	0
New trends in development of highly conductive poly(ionic liquid)s	
12:25 – 14:30: Lunch Break	
Chairperson: Miren Blanco (Tekniker, Spain)	
14:30 – 14:50: Nerea Casado (University of the Basque Country / POLYMAT, Spain)	- 1
Mixed Ionic-Electronic Composites based on Poly(3,4-ethylenedioxythiophene) and Organic Ionic Plastic Cryst	tals
14:50 – 15:10: Liliana C. Tomé (Universidade NOVA de Lisboa, Portugal)	- 1
Two and Three-component longel Membranes for CO2 Separation Applications	
15:10 – 15:25: Sarah Scheffler (Centre de recherche Paul Pascal, France)	0
Nanocomposite piezoelectric fibers	
15:25 – 15:55: Anna Laromaine (ICMAB-CSIC, Spain)	K
Cellulose responsive composites: control at the nanoscale	
15:55: Closing	

15:55 – 17:00: Coffee Break / ePoster Session / Exhibition