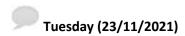


## TENTATIVE PROGRAM (as of 24/11/2021)

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: **Mónica Resines Morrás** (Nadetech Innovations, Spain) / **Susana Barasoain Arrondo** (Functional Print Cluster/3NEO, Spain)

14:30 – 14:50: Susana Barasoain Arrondo (Functional Print Cluster/3NEO, Spain)

The Functional print cluster (3NEO) as a hub for 3D printing technologies innovation

14:50 – 15:10: **Mónica Resines Morrás** (Nadetech Innovations, Spain)

Fabricate multiphase nanocomposites with nanofibers combining electrospinning and 3D printing technologies

15:40 – 16:00: **Alexander Legant** (Nanoscribe GmbH, Germany)

Highest resolution 3D printing in research and industry

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

## Wednesday (24/11/2021)

Chairperson: TBC	
09:00 – 09:20: Izaskun Bustero Martínez de Zuazo (Tecnalia, Spain)	1
3D functional printing: opportunities and challenges	
09:20 – 09:50: <b>Senentxu Lanceros Méndez</b> (BCMaterials, Spain)	K
Development and applications of printable polymer based smart and multifunctional materials	
09:50 – 10:10: Jean-Jacques Fouchet (z3dlab, France)	
Mechanical and microstructural study of titanium alloy (ZTi-Powder® and ZTi-Med®) via additive manufact	_
10:10 – 10:25: <b>Wera Di Cianni</b> (UCA, Spain)	0
New strategies for Direct Laser Writing of metallic structures	
10:25—11:15: Coffee Break / Poster Session / Exhibition	
Chairperson: Jean-Jacques Fouchet (z3dlab, France) - TBC	
11:15 – 11:45: Juergen Brugger (EPFL, Switzerland)	K
3D Micro and nano engineering of fragile materials	
11:45 – 12:00: David Tilve Martinez (Centre de Recherche Paul Pascal, France)	0
3D printing of conductive nanocarbon based composites	
12:00 – 12:15: <b>Oliver Etzold</b> (University of the Basque Country / POLYMAT Fundazioa, Spain)	0
3D-printing of drug loaded hydrogel inks - Relating rheology to printability	0
12:15 – 12:30: <b>Edgar Hepp</b> (Exaddon AG, Switzerland) Additive micromanufacturing of metal microstructures	0
12:30 – 12:45: <b>Ainhoa Urtasun</b> (Universidad Pública de Navarra, Spain)	0
The Transformation of Tasks and Skills under Additive Manufacturing: A First Look at Evidence from Job	O
Vacancies	
12:45 – 14:30: Lunch Break	
Chairperson: Edgar Hepp (Exaddon AG, Switzerland)	
14:30 – 14:50: <b>José Manuel Martín</b> (CEIT, Spain)	1
Nanostructured magnetic powders produced by gas atomization	
14:50-15:05: Artur Moreira Pinto (LEPABE, University of Porto, Portugal)	0
Graphene-based materials and their polymer composites bioapplications and 3D printing	0
15:05 – 15:20: <b>Estefanía Rodríguez</b> (Cidaut Foundation, Spain)	0
Mechanical performance of bio-polyamide nanocomposites manufactured through FFF 15:20 – 15:35: Laura Clua Ferré (Fundació Institut de Bioenginyeria de Catalunya, Spain)	0
Micro-Spheroids For β-like Cell Encapsulation	O
15:35 – 16:05: <b>Ulli Klenk</b> (Siemens AG, Germany)	Κ
Industrial Additive Manufacturing - a user perspective	• •
16:05: Closing	

16:05 – 17:05: Coffee Break / ePoster Session / Exhibition