PROGRAM

Electrical and optical active molecular materials for bio-applications

Bellaterra, 6- 7 October 2022

Day 1

6 October
Thursday

9:10	Introduction	
9:20	KN1: Arántzazu del Campo Hydrogels that talk to cells when lighted	
10:10	I1: Albert Cortijos Optomechanical tools for biomolecular contacts	
10:40	Oral 1: Ramón Santiago Herrera Restrepo Controlled location, size, and structure of blood clots	
11:00	Coffee Break	
11:30	Oral 2: Adaris M. López Marzo Electrochemical analysis in the biomarkers detection for clinical diagnosis of diseases: Addressing requirements toward point-of-care devices	
11:50	Flash 1 Sara Ruiz Molina, Raquel Gimeno Múñoz, Jorik Waeterschoot, María Jesús Ortiz Aguayo, Giulia Pancotti	
13:00	Lunch	
15:00	KN2: Róisín M. Owens	
15:50	I2: Marianna Rossetti DNA-based sensors: From design to bioanalytical applications	
16:20	Oral 3: Rossella Zaffino Graphene nanogap electrodes: a promising platform for biomedical applications	
16:40	Oral 4: Mariana Köber Fluorescent quatsomes for therapy and diagnostics	
17:00	End Day 1	

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Day 2

7 October
Friday

9:10	KN3: Francesca Santoro Designing electronics brain-inspired electronics	
10:00	I4: José Antonio Garrido Graphene neurotechnology for neuroscience and medical applications	
10:30	Oral 5: Carme Martinez Organic and Flexible X-ray detectors for medical dosimetry and diagnostic applications	
10:50	Coffee Break	
11:30	I5: Gabriel Gomila Nanoscale imaging of the conductivity of organi semiconductors at work in electrolyte solutions	
12:00	Oral 6: Nerea González Pato Ratiomeric nanothermometer based on organic radical molecules self-assembled into NIR-emitting nanoparticles	
12:20	Flash 2 Ylli Conti, Jewel Ann Maria Xavier, Jamila Djafari, Ángel Campos Lendínez	
13:00	End Day 2	