



UNIÓN EUROPEA
“Una manera de hacer Europa”

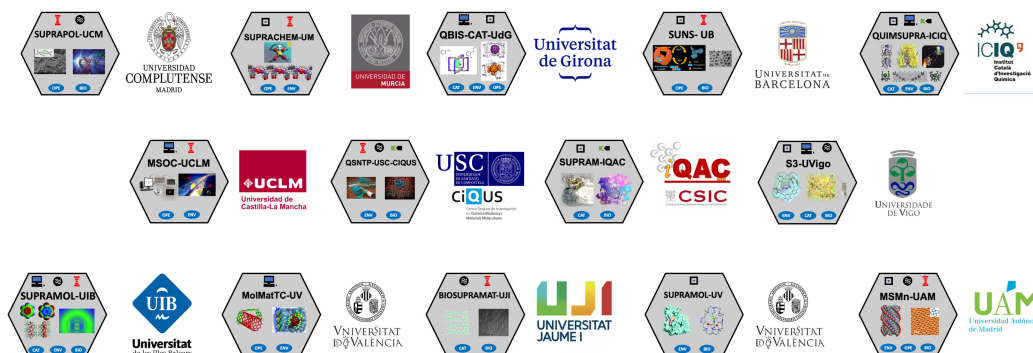


2nd Supramat Network Meeting

Supramolecular approaches for Catalysis,
Optoelectronics, Environment or Biomedicine

Palma de Mallorca

March, 11th-13th 2022



Conference Program

Friday 11th March 2022

14:00-16:00	Welcoming & registration	
16:00-16:10	Opening session	
Session I	Chairperson: Antonio Frontera	
16:10-16:55	Fahmi Himo (Stockholm University)	Modelling reactions in Confined Spaces Using Quantum Chemistry
16:55-17:20	Bartolomé Soberats (SUPRAMOL-UIB)	Self-assembly tools for the development of functional and stimuli-responsive systems
17:20-17:45	Sílvia Pujals (SUPRAM-IQAC)	Multiresponsive supramolecular polymers and advanced microscopy to tackle challenges in nanomedicine
17:45-18:00	Coffee Break	
Session II	Chairperson: Pau Ballester	
18:00-18:25	Alfonso Bayón (QSNTP-USC-CIQUS)	New materials based on Cyclic Peptides
18:25-18:50	Cristina Naranjo (SUPRAPOL-UCM)	Helicenes for supramolecular polymers. Towards CPL-active and spin functional materials
18:50-19:15	David González-Rodríguez (MSMn-UAM)	A Mechanical Jail for C60 Fullerene
20:00	Mixer	

Saturday 12th March 2022

Session III	Chairperson: Pilar Prieto	
9:30-10:15	Ángela Sastre (Universidad Miguel Hernández)	Synthesis and Supramolecular Organization of Electroactive Systems based on Phthalocyanines
10:15-10:40	Ana María García (MSOC-UCLM)	Divergent supramolecular self-assembly of functional ultrashort peptides
10:40-11:05	Andrea Pinto (SUNS-UB)	Supramolecular spherical self-assemblies based on gold(I) complexes and amphiphilic ligands
11:05-11:25	Coffee Break	
Session IV	Chairperson: David González-Rodríguez	
11:25-11:40	María Magdalena Cid (S3-UVigo)	Chiral Amplification through formation of a cholesteric phase in an achiral liquid crystal
11:40-11:55	Daniel Aranda (MolMatTC-UV)	Theoretical insights into the supramolecular growth of a cyanine dye derivative
11:55-12:10	Chiara Mirabella (QUIMSUPRA-ICIQ)	Dynamic Covalent Capsules Based on Calix[4]pyrrole Scaffolds: thermodynamic and kinetic characterization and binding studies
12:10-12:25	Bárbara Giménez (BIOSUPRAMAT-UJI)	Two-component low-molecular-weight / polymer hydrogels
12:25-12:50	Antonio Bauzá (SUPRAMOL-UIB)	Enhancing chalcogen bonds by metal coordination
12:50-15:00	Lunch	

Session V	Chairperson: Beatriu Escuder	
15:00-15:25	Pedro Mendoca Ferreira (QUIMSUPRA-ICIQ)	Towards Stimuli-Controlled Assembly/Disassembly Based on Tetra-urea calix[4]pyrrole/arene Decorated with Spiropyran
15:25-15:40	Ariadna Gil (SUPRAMOL-UV)	Targeting multimeric G-quadruplex structures using reinforced ligands
15:40-15:55	María Victoria López (QSNTP-USC-CIQUS)	Halogen recognition through tripodal peptidic capsules
15:55-16:20	Ernest Ubasart (SUPRA-CAT-UdG)	Large tetragonal prismatic supramolecular nanocapsules as multiple-functionality platforms
16:20-16:35	José Joaquín Gómez (SUPRACHEM-UM)	New anion receptors through the cooperative action of hydrogen and chalcogen bonding
16:35-16:55	Coffee Break	
Session VI	Chairperson: Luis Sánchez	
16:55-17:10	Iván Torres (MSOC-UCLM)	Alkynyl benzene derivatives as optical waveguides. Flexibility in organic crystals and structure/ property relationship
17:10-17:25	Isabel López (MSMn-UAM)	Self-assembled Nanotubes based on Amidinium-Carboxylate Interactions in Water
17:25-17:40	Lucía López (SUPRAPOL-UCM)	Supramolecular polymerization of cyano-substituted divinylene arene luminogens. Kinetically controlled CPL-emitters
17:40-18:05	Azahara Doncel (MolMatTC-UV)	Computational modelling of supramolecular polymers: relationship between structural, electronic and optical properties
18:05-18:20	Coffee Break	
18:20-20:00	IPs Meeting	
21:00	Dinner	

Sunday 13th March 2022

Session VII	Chairperson: Laura Rodríguez	
9:30-9:55	Mario Inclán (SUPRAMOL-UV)	Novel polyamine derivatives as a new class of synergistic agents
9:55-10:20	Nagihan Ozbek (BIOSUPRAMAT-UJI)	Supramolecular hydrogels based on short peptides for advanced biomedical applications
10:20-10:35	Marina González (MSMn-UAM)	Functional Multicomponent Molecular Architectures from Self-assembly
10:35-10:50	Tània Pèlachs (SUPRA-CAT-UdG)	Orthogonal regioselective bis-functionalization of C60 by Diels-Alder reaction via avant-garde supramolecular mask strategy
10:50-11:10	Coffee Break	
Session VIII	Chairperson: Juan Aragó	
11:10-11:35	José Luis Esquivel (SUPRACHEM-UM)	Study of the solvent effect in the formation of novel supramolecular structures induced by the presence of anions
11:35-11:50	Ariadna Lázaro (SUNS-UB)	Red-emissive cyclometallated [N ⁺ C ⁻ N] Pt(II) and Pt(II)/Ag(I) compounds
11:50-12:05	Jonathan Álvarez (S3-UVigo)	Chiral polypyrido-allenophanes as synthetic receptors via hydrogen bonding
12:05-12:30	Closing session & Coffee Break	