

1st SupraMat[•] Network Conference

Supramolecular approaches for Catalysis, Optoelectronics,
Environment or Biomedicine



Conference Program

Thursday, February 11th 2021

Session 1. Chair: Prof. A. Frontera

9:50 – 10:00. Welcome

10:00 – 10:30. Invited speaker: **Prof. Stefan Matile** (University of Geneva, Switzerland)
"Unorthodox Interactions in Catalysis"

[More info about the speaker](#)

10:30 – 11:40. Flash presentations from the members of SupraMat Network

- **Prof. Pablo Ballester (ICIQ)**. "Supramolecular chemistry of calix[4]pyrroles"
- **Prof. Laura Rodriguez (UB)**. "Luminescent supramolecular materials containing heavy metal atoms"
- **Prof. Luis Sánchez (UCM)**. "Chiral Supramolecular polymers. Transfer and amplification of asymmetry"
- **Prof. Maria del Pilar Prieto (UCLM)**. "Nano/micro Organic Optical Waveguides"
- **Prof. Enrique García-España (UV)**. "From azamacrocycles to supported receptors: biomedical approaches"
- **Prof. Juan Granja (USC-CIQUIS)**. "Cyclic peptide as supramolecular building blocks"
- **Prof. Juan Aragón (UV)**. "Computational modelling of supramolecular organic polymers"

11:40 – 12:00. Discussion

12:00 – 12:15. Break

Session 2. Chair: Prof. Maria Magdalena Cid

12:15 – 13:00. Flash presentations (4 presentations x 8' + 1 question each)

Dr. Rosa Martí-Centelles (UIJ) – "Reactors for catalysis consisting of giant polymersomes containing short pseudo-peptide hydrogels"

Dr. Iván Torres (UCLM) – "2H-Benzo[d]1,2,3-triazole moiety as multifunctional skeleton in material science"

Lucía Tapia (IQAC-CSIC) – "Tyrosine selective cages-like receptors for SRC Kinase modulation"

Paula B. Chamorro (UAM) – “Water soluble nanotubular architectures from amphiphilic dinucleosides”

13:00 – 19:00. Twitter poster session. #SupraMat2021

Friday, February 12th 2021

Session 3. Chair: Prof. J. Granja

10:00 – 10:30. Invited speaker: **Prof. Kate Jolliffe** (University of Sydney, Australia)
“*Novel molecular receptors for the recognition, sensing and transport of anions*”
[More info about the speaker](#)

10:30 – 11:40. Flash presentations from the members of SupraMat Network

- **Prof. Antonio Frontera (UIB)**. “*Supramolecular Soft Materials*”
- **Prof. Beatriu Escuder (UIJ)**. “*Bioinspired Supramolecular Materials: Supramolecular Gels and Beyond*”
- **Prof. Ignacio Alfonso (IQAC)**. “*Conventional and Dynamic Combinatorial Approaches to Supramolecular Chemistry*”
- **Prof. David González-Rodríguez (UAM)**. “*Nanostructured Molecular Systems and Materials*”
- **Prof. Antonio Caballero(UM)**. “*Anion Induced Supramolecular Polymers*”
- **Prof. Maria Magdalena Cid (UVIGO)**. “*Chiral twists or helices as supramolecular chirality reporters*”
- **Prof. Xavier Ribas (UdG)**. “*Supramolecular masks for regioselective functionalization of fullerenes*”

11:40 – 12:00. Discussion
12:00 – 12:15. Break

Session 4. Chair: Prof. Maria del Pilar Prieto

12:15 – 13:00. Flash presentations (4 presentations x 8’ + 1 question each)

Ernest Ubasart (UdG) – “A three-shell supramolecular complex enables the symmetry-mismatched chemo- and regioselective bis-functionalization of C₆₀”

Dr. Javier López-Andarias (NCCR, University of Geneva) – “Supramolecular targeting and controlled release of fluorescent membrane tension probes within live cells”

Cristina Naranjo (UCM) – “Elucidating the microstructure of the thermodynamically controlled blocky supramolecular copolymer”

Andrea Pinto (UB) – “Effect of the aggregation on the biological activity of gold(I) complexes”

13:00. Closing. Profs. Antonio Frontera and Pablo Ballester.

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