

1st LUCES GLOBAL ACTION MEETING

18 April 2024

09:00-09:30	Opening & Welcome words <i>Chair: João Carlos Lima</i>
09:30-10:30	Plenary AP de Silva (Queen's U. - UK): <i>From Supramolecular Chemistry to Medical Diagnostics and Information Processing</i>
10:30-11:00	Coffee break <i>Chair: Antonella Dalla Cort</i>
11:00-11:20	C1 Luciano Boesel (EMPA - CH): <i>Nanostructured Luminescent and Colorimetric Sensors for pH, Ammonia, and Volatile Amines</i>
11:20-11:40	C2 Wim Dehaen (KU Leuven - BE): <i>New boron chelated pyrrole-derived dyes : potential for fluorescent sensors ?</i>
11:40-12:00	C3 M. Concepción Gimeno (U. Zaragoza - ES): <i>Exploring Luminescence in Group 11 Metal Complexes</i> <i>Chair: Kari Rissanen</i>
12:00-12:30	Flashes: Paula Bosch, Estefania Delgado-Pinar, Elizabeta Dimitrieska Stojkovikj, Sabrina Knospe, Nele Konrad, George Mousdis, Ignazio Roppolo, Nikola Sakac & Mustafa Tabakci
12:30-13:30	Lunch break
13:30-15:00	Poster session <i>Chair: Stefan Kubik</i>
15:00-15:20	C4 Enrico Dalcanale (U. Parma - IT): <i>Ultra-sensitive Proteomics with Cavitands</i>
15:20-15:40	C5 Ariadna Lazaro (Karlsruhe Institute of Technology - DE): <i>Novel on/off Hydrogel Functionalized with Cyclometallated Ir(III) Complexes for in Vitro Cell Imaging in 3D Platforms</i>
15:40-16:00	C6 Gilles Bruylants (U. libre de Bruxelles - BE): <i>Colorimetric Sensing: The Golden Age of Silver</i>
16:00-16:20	C7 Ivo Grabchev (Sofia U. - BG): <i>Metal Complexes of Modified Dendrimers with 1,8-Naphthalimide Luminophores and Their Sensor and Microbiological Activity</i>
16:20-16:50	Coffee break <i>Chair: Antonio Frontera</i>
16:50-17:10	C8 Georgios Vougioukalakis (U. Athens - EL): <i>Synthesis of Tailor-Designed Photoactive Molecules for Possible LUCES-related Applications</i>
17:10-17:30	C9 Andrea Pinto (U. Glasgow/Barcelona - ES): <i>Supramolecular Gold(I) Assemblies as Singlet Oxygen Sensitizers</i>
17:30-17:50	C10 Demeter Tzeli (U. Athens - EL): <i>Accurate Computational Studies of Photophysical Processes of Chemosensors</i>
17:50-18:10	C11 Riccardo Marin (U. A. Madrid - ES): <i>Pushing the Limits of Luminescence Nanosensing: From Material Optimization to Machine Learning</i>
19:30	Dinner

19 April 2024

Chair: Sophia Hayes

09:00-09:20	C12 Ivo Piantanida (Ruđer Bošković Institute - HR): <i>Triarylborane: Novel Type of Dye for Sensing Biomacromolecules</i>
09:20-09:40	C13 Josef Hamacek (U. Orléans - FR): <i>Tetrahedral Lanthanide Cages as Sensors for Anion ?</i>
09:40-10:00	C14 Luca Sanfilippo (Systea S.p.a. - IT): <i>Luminescence Based Measurement Technologies Available for LUCES Project Applications</i>
10:00-10:20	C15 Roberto Penasa (U. Padova - IT): <i>Chiroptical Enhancement of Chiral Dicarboxylic Acids from Confinement in a Stereodynamic Supramolecular Cage</i>
10:20-10:40	C16 Romain Carpentier (U. libre de Bruxelles - BE): <i>Development of Supramolecular Calixarene-based Systems for the Selective Binding of Primary Ammoniums in an aqueous Environment</i>
10:40-11:10	Coffee break <i>Chair: Anife Ahmedova</i>
11:10-11:30	C17 Aaron Torres Huerta (U. libre de Bruxelles - BE): <i>Liposomes as Nanoreactor for the Controlled Assembly of Metal-Organic Structures for Sensing Applications</i>
11:30-11:50	C18 Ales Ruzicka (Charles University - CZ): <i>Oligocyclophosphazenes Substituted by Amines: Quest for Universal Sensors</i>
11:50-12:10	C19 Riina Aav (Tallin University of Technology - EE): <i>Homomeric and Chimeric Hemicucurbiturils</i>
12:10-12:30	C20 Vladimir Sindelar (Masaryk U. - CZ): <i>Bambusurils: Macrocycles with High Anion Affinity</i>
12:30-13:30	Lunch break
13:30-14:00	WG4 meeting
14:00-15:30	Open discussion with industrial partners
15:30-16:30	WG1&2, WG3 parallel meetings
16:30-17:00	Coffee break
17:00-17:50	WG leaders reporting & Conclusions
18:00-19:30	MC meeting
19:30	Dinner



Supramolecular Luminescent
Chemosensors for Environmental
Security (LUCES)

COST ACTION CA22131