



## 2<sup>nd</sup> LUCES GLOBAL ACTION MEETING Zadar, Croatia

Monday 28 April 2025

09:00-09:15	Opening & Welcome words <i>Chair: João Carlos Lima</i>
09:15-10:15	<b>P Matjaž Humar</b> (I. Jožef Stefan - SI): <i>Soft and biological microlasers for sensing and barcoding</i>
10:15-10:35	<b>C1 Enrique García-España</b> (U. of Valencia - ES): <i>Molecular Recognition of Canonical and Non-Canonical Nucleic acid Structures by Polyamine Receptors</i>
10:35-11:00	Coffee break <i>Chair: Kristin Bartik</i>
11:00-11:20	<b>C2 Atanas Kurutos</b> (Bulgarian Academy of Sciences - BG): <i>Emerging colorimetric and fluorimetric smart materials</i>
11:20-11:40	<b>C3 Guzman Gil-Ramírez</b> (U. of Lincoln - UK): <i>Chiral luminescent Eu-assemblies</i>
11:40-12:00	<b>C4 Guillaume Vives</b> (Sorbonne U. - FR): <i>Switchable Molecular Tweezers as Multifunctional Platform</i>
12:00-12:20	<b>C5 Sophia Hayes</b> (U. of Cyprus - CY): <i>Thiazole Orange Styryl Derivatives as G-Quadruplex DNA Fluorescent Probes</i>
12:30-14:00	Lunch break
14:00-14:45	<b>WG1&amp;2, WG3 parallel meetings</b>
14:45-15:00	<b>LUCES Communication</b> <b>PhD session</b> <i>Chair: Hannah Crory</i>
15:00-15:15	<b>C6 Anthony Owusu-Darko</b> (Loughborough U. - UK): <i>Multi-Anion Sensing with Lanthanide Probe Arrays</i>
15:15-15:30	<b>C7 Antonio Linero Artiaga</b> (U. of Murcia - ES): <i>Rational Design of an Ir(III) Photosensitizer with an Exceptional Binding to Human Serum Albumin for Targeted Photodynamic Therapy</i>
15:30-15:45	<b>C8 Lidón Pruñonosa Lara</b> (U. of Bonn - DE): <i>Photoswitchable Metallo-Supramolecular Architectures</i>
15:45-16:00	<b>C9 Maria Vittoria Piras</b> (U. of Cagliari - IT): <i>Fluorescent Volatile Organic Compounds (VOCs) sensors based on bio-derived photocurable polymers</i>
16:00-16:15	<b>C10 Sara Paniziutti</b> (U. of Cagliari - IT): <i>TADF-Active Coumarin-Carbazole Derivatives as Fluorescent Sensors for Volatile Organic Compounds</i>
16:15-16:30	<b>C11 Swapnil Ghule</b> (FAU Erlangen-Nürnberg - DE): <i>Naphthalimide-buckybowl tweezer for selective recognition of fullerene C70</i>
16:30-17:00	Coffee break <i>Chair: Sophia Hayes</i>
17:00-17:15	<b>Matjaž Humar</b> : <i>Funding Opportunities for Young Researchers</i>
17:15-17:35	<b>C12 Stefan Kubik</b> (RPTU Kaiserslautern-Landau - DE): <i>Gold Nanoparticle-Based Optical Probes for Inorganic Anions and Nucleotides in Water</i>
17:35-17:55	<b>C13 Estefanía Delgado</b> (U. of Valencia - ES): <i>Cyclodextrin Polymers as Platforms for Highly Fluorescent Sensors via Aggregation-Induced Emission</i>

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17:55-18:15	<b>C14 Nikola Sakač</b> (U. of Zagreb - HR): <i>Introducing Colorimetric LSPR Biosensors for Estradiol and Glyphosate</i>
18:15-18:35	<b>C15 Olga Crespo</b> (U. of Zaragoza - ES): <i>Tetracoordinated Emissive Complexes of Earth-Abundant Metals</i>
19:30	Dinner

Tuesday 29 April 2025

*Chair: Antonio Frontera*

09:00-09:20	<b>C16 Jérôme Lacour</b> (U. of Geneva - CH): <i>Synthesis and applications of luminescent macrocycles</i>
09:20-09:40	<b>C17 Gemma Aragay</b> (ICIQ - ES): <i>Recognition and sensing of creatinine using aryl-extended calix[4]pyrroles</i>
09:40-10:00	<b>C18 Ydris Yazgan</b> (Kastamonu U. - TR): <i>High-Throughput Fluorescence Detection of Pseudomonas aeruginosa in Simulated Blood Samples</i>
10:00-10:20	<b>C19 José Manuel Marin-Beloqui</b> (U. of Malaga - ES): <i>Spectroscopy to Unveil the Property-Structure Relationship in Luminescent Molecules</i>
10:20-10:50	Coffee break <i>Chair: Paula Bosch</i>
10:50-11:10	<b>C20 Marija Bakija</b> (Ruđer Bošković I. - HR): <i>Helical chirality in tetrahedral transition metal complexes of 2-aryl-(4S)-phenyl oxazolines</i>
11:10-11:30	<b>C21 Esteban Urriolabeitia</b> (CSIC - ES): <i>Azlactones and transition metals as versatile luminescent platforms</i>
11:30-12:10	<b>Flashes:</b> Mateja Belovari, Gilles Bruylants, Hannah Crory, Catarina Esteves, Savvas Georgiades, Dominic Howes, Evgeny Kataev, Ariadna Lázaro, Dijana Pavlović Saftić, Andrea Pinto, Mohammad Afsar Uddin, Georgios Vougioukalakis.
12:20-13:30	Lunch break
13:30-15:00	<b>Poster session</b> <i>Chair: Ariadna Lázaro</i>
15:00-15:20	<b>C22 Cláudia Lopes</b> (CICECO & U. of Aveiro - PT): <i>Microtubular Silicates for the Recovery of Economically Valuable Metals from Contaminated Waters</i>
15:20-15:40	<b>C23 Avni Berisha</b> (U. of Prishtina - KV): <i>Interactions of Diamondoids with 2D Carbon Nanomaterials: An Ab Initio Study</i>
15:40-16:00	<b>C24 Jadranka Blazhevaska Gilev</b> (Ss. Cyril and Methodius U. - MK): <i>Polymer Based Chemical Sensors</i>
16:00-16:20	<b>C25 Přemysl Lubal</b> (Masaryk U. - CZ): <i>Application of Ln(III) complexes of teraazamacrocyclic ligands as analytical chemosensors</i>
16:20-16:50	Coffee break
16:50-17:30	<b>WG leaders reporting &amp; Conclusions</b>
17:45-19:15	<b>Management Committee meeting</b>
19:30	Dinner