

3rd LUCES GLOBAL ACTION MEETING - Athens, Greece

Sunday 19 April 2026

19:00-20:30 Registration & Welcome drink

Monday 20 April 2026

08:20-08:50 Registration

08:50-09:00 Opening & Welcome words

Chair: Laura Rodríguez

09:00-09:20 **C1 Giorgi Shtenberg:** Next-Generation ToBRFV Diagnostics: Chemiluminescence Imaging for Enhanced Sensitivity and On-Site Assessment09:20-09:40 **C2 Guillermo Moreno-Alcántar:** Gold(III) porphyrin metallacages from G-quadruplex recognition to sensing opportunities09:40-10:00 **C3 Stephen Butler:** Luminescent Lanthanide Receptors Targeting Biological Phosphates for Bioassays and Imaging10:00-10:20 **C4 Werner Nau:** Dynamically Fluorescent Macrocyclic Chemosensing

10:20-10:50 Coffee break

Chair: Andrea Pinto

10:50-11:10 **C5 Evgeny Kataev:** Naphthalimide-based fluorescent dyes: from humidity sensing to graphene patterning and detection of phospholipids11:10-11:30 **C6 Özge Sağlam:** Upconversion-Based Optical Thermometry in Yb³⁺/Ho³⁺ Doped Layered Perovskites and Their Two-Dimensional Nanosheets11:30-11:50 **C7 Iwona Grabowska:** Carbon Paste Electrode Modified with Liposomes Carrying a Ferrocene-Labeled Aptamer as an Ultrasensitive Platform for the Detection of Acrylamide11:50-12:10 **Flashes: Wajih Al-Soufi, Sara Bergia, Pablo González-Herrero, Malgorzata Grabarczyk, Christina Kolokytha**

12:10-14:00 Lunch break

14:00-15:00 Joint WGs meeting

Chair: Kristin Bartik

15:00-15:20 **C8 Berta Gómez-Lor:** Truxene-Based Porous Polymers: A Luminescent Platform for Environmental Sensing15:20-15:40 **C9 Juan Carlos Pérez-Sánchez:** When Auophilic Contacts Rearrange: Mechano- and Thermochromic Au(I)-Ethyne Complexes15:40-16:00 **C10 Ahmad Omira:** Python-Based Fitting Application for Luminescence Assay Data16:00-16:20 **C11 Andrea Barba-Bon:** Membrane Transport Assays with Amphiphilic and Superchaotropic Carriers for Chemosensing

16:20-16:50 Coffee break

Chair: Hannah Crory

16:50-17:10 **C12 Valentina Corvaglia:** Synergistic Peptide-PNA Nanomaterials as Bioinspired Scaffolds for Programmable Nucleic Acid Sensing17:10-17:30 **C13 Anthoula Papageorgiou:** Self-assembled coordination networks with programmable regular and vitreous structure17:30-17:50 **C14 Cosmin Farcau:** Self-Assembled Plasmonic Nanostructured Platforms for Enhanced Fluorescence-Based Sensing Applications17:50-18:10 **C15 Pratik Shah:** Dynamic DNA-Silver Nanocluster Interactions for Responsive Biosensing and Imaging

Tuesday 21 April 2026

Chair: Paula Bosch

09:00-09:20 **C16 Srečko Kirin:** Synthesis and characterization of helically chiral transition metal complexes09:20-09:40 **C17 Akos Juhasz:** Electrospinning and Bioprinting of Self-Assembling Peptides: Advantages and Limitations for Biosensing-Oriented Fabrication09:40-10:00 **C18 José Ruiz:** Structural and Supramolecular Foundations of an Ir(III)-HSA Conjugate for Light-Induced Oncosis10:00-10:20 **C19 Mercedes Novo:** Label-Free Luminescent Detection of Early Amyloid- β Aggregates via Aggregation-Induced Visible Emission

10:20-10:50 Coffee break

Chair: Antonella Dalla Cort

10:50-11:10 **C20 Frank Güell Vilà:** NO₂ gas chemosensors based on nanomaterials11:10-11:30 **C21 Maurice Retout:** Enzyme-Responsive Supramolecular Nanostructures for Real-Time Enzymatic Activity Monitoring11:10-11:50 **C22 Hennie Valkenier:** Anion transport studies of macrocyclic anion receptors using emissive probes11:50-12:10 **Flashes: Almara Rahimli, Érika Sousa, Mustafa Tabakci, Mohammad Afsar Uddin, Caoimhe Venning**

12:10-14:00 Lunch break

14:00-15:00 Poster session

Chair: Sophia Hayes

15:00-15:20 **C23 Fatima Bouanis:** Highly Sensitive Room-temperature NH₃ Gas Sensors Based on Mxene15:20-15:40 **C24 Carlos Cruz:** Electronic Design Capabilities for Multi-Sensor Systems: From Colorimetric E-Tongues to E-Noses and IoT-Enabled Sensing15:40-16:00 **C25 Goreti Pereira:** Hydrophilic Silver Chalcogenides Quantum Dots as Amplifiers for SEIRA Detection16:00-16:30 **WG leaders reporting, Gender Equality Plan & Conclusions**

16:30-17:00 Coffee break

17:00-18:00 **Management Committee meeting**