

VIII JIF - Programme

Tuesday, September 10

	Photochemistry School
08:30 – 09:00	Registration
09:00 – 09:45	Principles of Photophysics Fernando Dias
09:45 – 10:00	<i>Break</i>
10:00 – 10:45	Principles of Photophysics Fernando Dias
10:45 – 11:15	<i>Coffee Break</i>
11:15 – 12:45	Photochemical Reactivity Rémi Metivier
12:45 – 14:00	<i>Lunch</i>
14:00 – 15:30	Photochemical luminescent sensors Guillermo Orellana
16:00	<i>Departure to Lisbon-Conference Venue</i>
17:00 – 20:00	Registration Welcome Reception

Wednesday, September 11

08:30 – 09:00	Registration
09:00 – 09:30	Opening Ceremony João Carlos Lima, Marta Liras, Olivier Soppera, Jorge Parola
	Chairperson: Nathan McClenaghan
09:30 – 10:15	PL1 - Dario Bassani Supramolecular photochemistry, from fundamentals to applications
10:15 – 10:45	IL1 - Jordi Hernando Controlling chemical reactivity with light using molecular photoswitches
10:45 – 11:15	<i>Coffee Break</i>
	Chairperson: João Sérgio Seixas de Melo
11:15 – 11:45	IL2 - Fernando Dias Photophysics and Devices of Platinum(II) Complexes showing Intense, Excimer Like, Near-Infrared Luminescence
11:45 – 12:00	OC1 – Raquel Gavara New Photoactive COFs for the Controlled Release of Guest Molecules
12:00 – 12:15	OC2 – Eloie Dubus Control of the photochromic reaction of DASA compounds by quantification of the multi-step processes
12:15 – 12:30	OC3 – Samuel Guieu Luminescence of Pyridines Bearing an Intramolecular Hydrogen Bond
12:30 – 13:00	IL3 - Loïc Charbonnière Molecular upconversion or How to pile up photons in lanthanide complexes
13:00 – 14:00	<i>Lunch</i>
	Chairperson: Inmaculada Andreu Ros
14:00 – 14:30	IL4 - Juan Gonzalez-Vera Smart Luminescent Peptide-based Biosensors for Probing Kinase Activity
14:30 – 14:45	OC4 – Marta Liras Solar fuels production from Conjugated Porous Polymers: insight into the photochemical pathway
14:45 – 15:00	OC5 – Maher Hojorot Helical donor-acceptor Platina[5]helicenes Complexes for Dual Luminescence and Near-infrared Circularly Polarized Luminescence
15:00 – 15:15	OC6 – Juan Ramón Jiménez Gallego Chiral Cr(III) complexes with Bright Circularly Polarised Luminescence
15:15 – 15:30	OC7 – Maria João Braz Lopes Quantum coherent energy transfer in DNA hybrids
15:30 – 16:00	IL5 - Francisco Galindo Delocalized lipophilic cations for mitochondrial targeting and other applications
16:00 – 17:00	<i>Coffee Break</i> Poster Session
	Chairperson: César Laia
17:00 – 17:30	IL6 - Ermelinda Maçoas Optical properties of 0D nanocarbons
17:30 – 17:45	OC8– Mathilde Seinfeld Understanding the Aggregation Induced Emission (AIE) in a heterocyclic tetraphenylethylene analog
17:45 – 18:00	OC9 – Francisco Germán Blandón Cumbreiras The BASHY Dye Platform: Versatile Fluorophores with Capacity to Photosensitize Singlet Oxygen Formation
18:00 – 18:15	OC10 – Tiago Filipe dos Santos Palmeira Photophysics and thermally activated delayed fluorescence (TADF) of fullerene C70 and C70 methano and pseudodihydro monoadducts: A comparative study
18:15 – 18:30	OC11 – José Santos Barahona Dual emission in triphenylamine decorated anthracenes

Thursday, September 12

	Chairperson: Fernando Dias
09:00 – 09:45	PL2 - Laura Rodriguez Use of heavy metal atoms for triplet harvesting. Room temperature phosphorescence, singlet oxygen production and supramolecular assemblies
09:45 – 10:15	IL7 - Raquel Galian Tailoring metal halide perovskites and related nanomaterials for light-driven applications
10:15 – 10:30	OC12 – Anh Thy Bui Excited-stated engineering: harnessing lanthanide ions as energy reservoirs
10:30 – 10:45	OC13 – Joana Carvalho Lopes Immobilised Bi-Halide Perovskite for Oxidative Photocatalytic Coupling of Benzyl Alcohol and Benzylamine
10:45 – 11:15	<i>Coffee Break</i>
	Chairperson: Olivier Soppera
11:15 – 11:45	IL8 - Niloufar Shafizadeh Photodetachment of Chlorophyll species in gas phase
11:45 – 12:00	OC14 – Juan Manuel Herrera Two-photon absorbing Ir(III) complexes as sensitizers for a new generation of brighter and color tunable emissive lanthanide nanoparticles
12:00 – 12:15	OC15 – Carina Bento Fialho 9-Borafluoren-9-yl and diphenylboron tetracoordinate complexes of 8-quinolinolato ligands with heavy-atoms substituents: synthesis, fluorescence and application in OLED devices
12:15 – 12:30	OC16 – Vitor Brasiliense Nanometrology based control: Taming surface photografting with attoL precision
12:30 – 13:00	IL9 - Susana Rocha Seeing is believing: microscopic techniques to uncover cell-matrix interactions in biomimetic hydrogels
13:00 – 14:00	<i>Lunch</i>
	Chairperson: Guillermo Orellana
14:00 – 14:30	IL10 - Mariam Barawi The beauty of solar energy conversion through photoelectrochemical cells
14:30 – 14:45	OC17 – Stefan Haacke Ultrafast dynamics of push-pull dyes for near-IR transparent Dye-Sensitized Solar Cells
14:45 – 15:00	OC18 – Ricardo da Costa Barata Chromoionophores for Li-ion battery electrolyte leakage detection
15:00 – 15:15	OC19 – Elena Ishow Deciphering surface interactions of microcrystals found in osteoarthritic joint by staining with fluorescent organic nanoparticles
15:15 – 15:30	OC20 – Cristina Martín-Álvarez Metal-Organic Frameworks in Lighting Applications
15:30 – 16:00	IL11 - Louis Fensterbank Organometallic Catalysis under Visible Light
16:00 – 17:00	<i>Coffee Break</i> Poster Session
16:30 – 17:00	GF-SPQ/GRUFO-RSEQ/SP2P-SCF meetings
	Chairperson: Marta Liras
17:00 – 17:30	IL12 - Adrián Pastor Espejo GRUFO Prize Best PhD Thesis New functional inorganic materials for the prevention of pollution in heritage materials and urban habitat
17:30 – 17:45	OC21 – Raúl Pérez-Ruiz Efficient Photocatalyst-Free Formation of C(sp²)-B(S) Bonds Using Visible Light
17:45 – 18:00	OC22 – Luís Pinto da Silva Development of Waste-Based Carbon Dots for the Photocatalytic Degradation of Organic Dyes
20:00 – 24:00	Conference Gala Dinner

Friday, September 13

	Chairperson: Joaquim Faria
09:00 – 09:45	PL3 - Luís Carlos Feel the Heat: Exploring Luminescence Nanothermometry for Next-Generation Thermal Imaging
09:45 – 10:15	IL13 – Carlos Serpa Photoacoustics in Action
10:15 – 10:30	OC23 – Suzanne Fery-Forgues Toward the rational design of tricarbonylrhenium(I) complexes with original solid-state emission properties
10:30 – 10:45	OC24 – Jose Luis Chiara Dual-Targeted-BODIPY photosensitizer for Photodynamic Therapy
10:45 – 11:15	<i>Coffee Break</i>
	Chairperson: Rémi Metivier
11:15 – 11:45	IL14 - Virginia Martinez Martinez Photosensitized nanosystems for targeted Photodynamic Therapy
11:45 – 12:00	OC25 – Vanessa Otero Fading memories: The impact of photosensitive eosin lakes on the conservation of 19th-century hand-painted magic lantern slides
12:00 – 12:15	OC26 – Maxime Hodée Modelling the sources of broadening in UV-Vis spectra of organic dyes: from the gas to the crystalline phase
12:15 – 12:30	OC27 – Marc Villabona Pedemonte A new generation of smart windows for solar heating control
12:30 – 13:00	IL15 – César Laia Strategies for the development of Luminescent Solar Concentrators
13:00 – 14:00	<i>Lunch</i>
	Chairperson: Francisco Galindo
14:00 – 14:30	IL16 - Minh-Huong Ha-Thi Light-Induced Charge Accumulation on an Iron Porphyrin Catalyst for Photocatalytic CO2 Reduction
14:30 – 14:45	OC28 – Daniela Nobre Sarmiento dos Santos Unravelling the Excited State Deactivation Mechanisms of Indirubin and Its Role in Metabolic and Oxygen Imaging in Living Cells
14:45 – 15:00	OC29 – Maxime Lajoie Photocatalytic Tandems Based on Polyoxothiometalates and Metallic Clusters for the Production of Dihydrogen
15:00 – 15:15	OC30 – Fernando Eduardo Maturi Shedding light on low-to-high-density fluctuations in liquid water through upconversion thermometry
15:15 – 15:30	OC31 – Magin Benedict Ferrer Fluorescence Modulation by Cascade Effect in Photochromic Microcapsules
15:30 – 16:00	IL17 - Joaquim Faria Advanced Photocatalysts Lights Up a Bright Future
16:00 – 16:30	Closing Session