

Oral Programme

Sunday 8 September 2019		
15:30	Registration Room: Hall Giralda	
16:50-17:00	Welcome and introductions	
	Session One: MODERN CHROMOPHORES Room: Giralda I-II Session Chair: Mark Heron	
17:00-18:00	[KN01] New chromophores by molecular and supramolecular design Klaus Müllen, <i>Max-Planck-Institute for Polymer Research, Germany</i>	
18:00-19:00	Poster Session I & Welcome drinks reception Room: Giralda III-IV-V	
Monday 9 September 2019		
	Session Two: MODERN CHROMOPHORES CONTD. Room: Giralda I-II Session Chair: Xiang Ma	
09:00-10:00	[KN02] Modern luminogens with aggregation-induced emission Ben Zhong Tang, <i>The Hong Kong University of Science and Technology, Hong Kong</i>	
10:00-10:40	Session 2.1 Room: Giralda I-II Session Chair: Paulo Coelho	Session 2.2 Room: Nervión Session Chair: Mark Van der Auweraer
10:00-10:20	[O2.1.1] Semipermanent merocyanines of spirocyclic compounds: Photochromic "balance" A. Metelitsa, <i>Southern Federal University, Russia</i>	[O2.2.1] Stimuli-responsive luminescent supramolecules X. Ma, <i>East China University of Science and Technology, China</i>
10:20-10:40	[O2.1.2] Solid materials with tunable reverse photochromism A. Julià-López, <i>Catalan Institute of Nanoscience and Nanotechnology (ICN2), Spain</i>	[O2.2.2] Synthesis of near-infrared absorbing and fluorescing boron complexes Y. Kubota, <i>Gifu University, Japan</i>
10:40-11:10	Coffee break Room: Giralda III-IV-V	
11:10-12:10	Session 2.1 Contd. Room: Giralda I-II Session Chair: Xiang Ma	Session 2.2 Contd. Room: Nervión Session Chair: Sylvain Achelle
11:10-11:30	[O2.1.3] Off/on fluorescent pigments for tunable high-temperature threshold sensing C. Roscini, <i>Catalan Institute of Nanoscience and Nanotechnology (ICN2), CSIC and BIST, Spain</i>	[O2.2.3] Luminescent borate complexes: BODIPY and more G. Ulrich, <i>CNRS, France, Université de Strasbourg, France</i>
11:30-11:50	[O2.1.4] Towards grey coloring photochromic materials using vinylidene-naphthofurans P. Coelho, <i>Universidade de Trás-os-Montes e Alto Douro, Portugal</i>	[O2.2.4] Synthesis of novel substituted imidazole derivatives exhibiting solid-state fluorescence F.A. Amaya-Garcia, <i>Technische Universität Wien, Austria</i>
11:50-12:10	[O2.1.5] Fluorescent molecular rotor derived from organoboron compounds: Reversible thermochromism, piezochromism, and	[O2.2.5] Modulation of the optical properties of luminescent dyes presenting an Excited-State Intramolecular Proton Transfer (ESIPT)

	viscchromism, their cytotoxicity and application in bioimaging cells V.M. Jiménez Pérez, <i>Universidad Autonoma de Nuevo Leon, Mexico</i>	J. Massue, <i>CNRS / University of Strasbourg, France</i>
12:10-13:10	Lunch Room: Restaurant Mosaico	
	Session Three: TRADITIONAL DYES [Textile and polymer coloration] Room: Giralda I-II Session Chair: Karen De Clerck	
13:10-14:10	[KN03] Brilliant dyes after centuries in illuminated manuscripts: How did medieval alchemists do it? <i>Maria João Melo, University NOVA of Lisbon, Portugal</i>	
14:10-14:50	Session 3.1 Room: Giralda I-II Session Chair: Mark Heron	Session 3.2 Room: Nervión Session Chair: Claudio Roscini
14:10-14:30	[O3.1.1] Functionalization and solvent electrospinning of organic and inorganic polymers for optical sensor applications <i>K. De Clerck, Ghent University, Belgium</i>	[O3.2.1] Liquid dyes <i>M. Matsui, Gifu University, Japan</i>
14:30-14:50	[O3.1.2] Dyeing cotton fabric using microencapsulated anthocyanin extract for colorimetric sweat monitoring: Potential on-site drug test <i>T. Khattab, National Research Centre, Egypt</i>	[O3.2.2] Sustainable production of coloured and biofunctional textiles from onion (<i>Allium cepa</i> L.) waste <i>C. Clementi, University of Perugia, Italy</i>
14:50-15:20	Coffee break Room: Giralda III-IV-V	
15:20-16:20	Session 3.1 Contd. Room: Giralda I-II Session Chair: Maria João Melo	Session 3.2 Contd. Room: Nervión Session Chair: Karen De Clerck
15:20-15:40	[O3.1.3] The issue of eosin fading: A combined spectroscopic and mass spectrometric approach applied to historical lakes <i>F. Sabatini, Univeristy of Pisa, Italy</i>	[O3.2.3] Reviving and enhancing classic indigoid photochromic motifs: From structure-property relationships to pH modulators and back <i>B. Koeppe, Humboldt-Universität zu Berlin, Germany</i>
15:40-16:00	[O3.1.4] Colorful thermoplastic films: Stability or degradation under light? <i>J. Osajima, Federal University of Piauí, Brazil</i>	[O3.2.4] Synthesis of diketopyrrolopyrrole-porphyrin conjugates <i>V. Almodôvar, Universidade de Aveiro, Portugal</i>
16:00-16.20	[O3.1.5] Code crack of lake pigments stability <i>M. Jaber, Sorbonne University, France</i>	[O3.2.5] Gold-lustrous organic crystals formed from low-molecular-weight azobenzene compounds <i>Y. Kondo, Tokyo University of Science, Japan</i>
16:20-17:20	Poster Session II Room: Giralda III-IV-V	
Tuesday 10 September 2019		
	Session Four: COLORANTS IN ACTION [Energy harnessing colorants; Emissive systems; Photocatalysis] Room: Giralda I-II Session Chair: Sylvain Achelle	
09:00-10:00	[KN04] Luminescent organic semiconductor <i>Soo Young Park, Seoul National University, Republic of Korea</i>	

10:00-10:40	Session 4.1 Room: Giralda I-II Session Chair: Soo Young Park	Session 4.2 Room: Nervión Session Chair: Clement Cabanetos
10:00-10:20	[O4.1.1] Hole transporting materials for efficient and stable perovskite solar cells W.H. Zhu, <i>East China University of Science & Technology, China</i>	[O4.2.1] A triazatruxene-based molecular dyad for single-component organic solar cells A. Labrunie, <i>University of Angers, France</i>
10:20-10:40	[O4.1.2] Molecular engineering of small push-pull chromophores for organic photovoltaics P. Blanchard, <i>CNRS - University of Angers, France</i>	[O4.2.2] New bipolar luminogens based on an azaindole derivatives for non-doped organic light-emitting devices C. Martin, <i>KU Leuven, Belgium</i>
10:40-11:10	Coffee break Room: Giralda III-IV-V	
11:10-12:10	Session 4.1 Contd. Room: Giralda I-II Session Chair: Julien Massue	Session 4.2 Contd. Room: Nervión Session Chair: Gilles Ulrich
11:10-11:30	[O4.1.3] Pyrimidine and pyridine protonable chromophores for white-light emission S. Achelle, <i>Université de Rennes I, France</i>	[O4.2.3] Ternary blend polymer solar cells incorporating various dye molecules Y. Wang, <i>Changzhou University, China</i>
11:30-11:50	[O4.1.4] Effects of solubilizing groups and conjugated backbone on physical and optical properties of novel liquid organic luminophores Y. Luponosov, <i>Enikolopov Institute of Synthetic Polymeric Materials of the Russian Academy of Sciences, Russia</i>	[O4.2.4] Functionalization of the benzothioxanthene bloc: Toward new pi-conjugated systems for organic electronic applications J M Andrés Castan, <i>CNRS, France</i>
11:50-12:10	[O4.1.5] Toward multidimensional push-pull molecules with potential application in organic photovoltaics P. Simón Marqués, <i>University of Angers, France</i>	[O4.2.5] Aza-bodipy dyes with NIR absorption and emission: applications in NIR imaging, PDT and non-linear optics S. David, <i>ENS Lyon, France</i>
12:10-13:10	Lunch Room: Restaurant Mosaico	
	Session Five: BIOLOGICAL DYES / SENSORS [Medicinal applications of colorants; Sensors and probes] Room: Giralda I-II Session Chair: Juyoung Yoon	
13:10-14:10	[KN05] Recent advances in optical probes for chemical and biochemical applications Ramón Martínez Mañez, <i>Polytechnical University of Valencia, Spain</i>	
14:10-14:50	Session 5.1 Room: Giralda I-II Session Chair: Juyoung Yoon	Session 5.2 Room: Nervión Session Chair: Mark Wainwright
14:10-14:30	[O5.1.1] Biomaging and therapeutic applications of far-red to nir emitting coupy dyes V. Marchán, <i>Universitat de Barcelona, Spain</i>	[O5.2.1] Design, synthesis and photophysical studies on functional pH responsive Near-Infrared cyanine dyes: An overview into spectral and pKa fine-tuning of novel molecular probes A. Kurutos, <i>Keio University, Japan</i>
14:30-14:50	[O5.1.2] Fluorescent probes based on functionalized dipolar naphthalene core skeleton and its applications for two-photon bio-imaging D. Kim, <i>Kyung Hee University, College of Medicine, Republic of Korea</i>	[O5.2.2] A solvatofluorochromic dye as fluorescent lifetime-based probe of β-amyloid aggregation L. Espinar-Barranco, <i>Universidad De Granada, Spain</i>

14:50-15:20	Coffee break Room: Giralda III-IV-V	
15:20-16:20	Session 5.1 Contd. Room: Giralda I-II Session Chair: Anatoly Metelitsa	Session 5.2 Contd. Room: Nervión Session Chair: Ramón Martínez Mañez
15:20-15:40	[O5.1.3] External stimuli-responsive photoluminescence and nanostructured materials based on platinum(ii) complexes C. Lodeiro, <i>University NOVA of Lisbon, Portugal</i>	[O5.2.3] Acid-Sensitive BODIPY Dyes: Photophysics E. Fron, <i>KU Leuven, Belgium</i>
15:40-16:00	[O5.1.4] Reverse pH jumps monitored by stopped flow. A tool that permits calculation of all equilibrium and copigmentation constants involving anthocyanins F. Pina, <i>LAQV, Portugal</i>	[O5.2.4] A new two-photon fluorescent probe for in vivo senescent cells detection J.F. Blandez, <i>Universitat de València, Spain</i>
16:00-16:20	[O5.1.5] Lipofuscin labelling through biorthogonal strain-promoted azide-alkyne cycloaddition for the detection of senescent cells in tissues B. Lozano-Torres, <i>Instituto Interuniversitario de Investigación de Reconocimiento Molecular y Desarrollo Tecnológico (IDM), Universitat Politècnica de València, Spain</i>	[O5.2.5] Chameleon dyes-based polymeric array for sensing of meat spoilage L.R. Magnaghi, <i>University of Pavia, Italy</i>
19:00-22:00	Conference Dinner (ticket holders only)	
Wednesday 11 September 2019		
	Session Six: BIOLOGICAL DYES / SENSORS [Medicinal applications of colorants; Sensors and probes] Room: Giralda I-II Session Chair: Carlos Lodeiro	
09:00-10:00	[KN06] Recent progress on activatable photosensitizers and fluorescent probes Juyoung Yoon, <i>Ewha Womans University, Republic of Korea</i>	
10:00-10:40	Session 6.1 Room: Giralda I-II Session Session Chair: Carlos Lodeiro	Session 6.2 Room: Nervión Session Chair: Olga Fedorova
10:00-10:20	[O6.1.1] Improved small-molecule photoantimicrobials M. Wainwright, <i>Liverpool John Moores University, UK</i>	[O6.2.1] Dye luminescence-based oxygen sensing in aeronautics B. Pedras, <i>Universidade de Lisboa, Portugal</i>
10:20-10:40	[O6.1.2] Effect of irradiation and antibiotics on bacterial growth sensitized with rose bengal M. AL-Akhras, <i>Jordan University of Science & Technology, Jordan</i>	[O6.2.2] Exploiting ESPT and charge transfer effects to design theranostic agents for early detection of protein misfolding diseases M.A. Martín, <i>Unidad de Química Analítica, Spain</i>
10:40-11:10	Coffee break Room: Giralda III-IV-V	
11:10-12:10	Session 6.1 Contd. Room: Giralda I-II Session Chair: Fernando Pina	Session 6.2 Contd. Room: Nervión Session Chair: Mark Heron
11:10-11:30	[O6.1.3] Novel bacteriochlorin-styrylnaphthalimide conjugate for	[O6.2.3] 9-phenylacridine binds with CT- DNA and sensitizes melanoma cells to ultraviolet A radiation

	simultaneous photodynamic therapy and fluorescence imaging O. Fedorova, A. N. Nesmeyanov Institute of Organoelement Compounds of RAS, Russia	R. Ghosh, <i>University of Kalyani, India</i>
11:30-11:50	[O6.1.4] Radioluminescent BODIPY-conjugated nanomaterials: Towards the activation of PDT in deep tissue and during radiation therapy C. Figliola, <i>ENS Lyon, France</i>	[O6.2.4] Modular synthesis of O-BODIPY dyes for cell microscopy J.L. Chiara, <i>IQOG-CSIC, Spain</i>
11:50-12:10	[O6.1.5] Discovery of new green small fluorescence molecules ER staining G. Silveira-Dorta, <i>KU Leuven, Belgium</i>	[O6.2.5] Effect of visible light on the activity of porphyrins against <i>Nosema microsporidia</i> M. Trytek, <i>Maria Curie-Skłodowska University in Lublin, Poland</i>
12:10-13:30	Lunch Room: Restaurant Mosaico	
12:10-13:10	Elsevier Publishing Workshop Room: Giralda I-II	
13:30-14:30	Session 7 Room: Giralda I-II Session Chair: Mark Wainwright	
13:30-13:50	[O7.1] First-principle investigation of the double ESIPT process in a thiophene-based dye P.M. Vérité, <i>Université de Nantes, France</i>	
13:50-14:10	[O7.2] Aggregation-induced phosphorescence emission of tricarbonylrhenium complexes: Toward highly emissive materials S. Fery-Forgues, <i>Université Toulouse III–Paul Sabatier, France,</i>	
14:10-14:30	[O7.3] Novel near-IR absorbing aryl-substituted 2,3-naphthalocyanines: Synthesis and spectral properties T.V. Dubinina, <i>Lomonosov Moscow State University, Russia</i>	
14:30-15:00	Coffee break Room: Giralda III-IV-V	
15:00-15:25	Symposium Closing Lecture Room: Giralda I-II Session Chair: Mark Wainwright	
	[KN07] Fun with Functional Dyes Mark Heron, University of Huddersfield, United Kingdom	
15:25-15:45	Awards/Closing Ceremony	
15:45	Close of conference	