



**Tuesday 15 September**

11:00	Registration, Tea and Coffee	
12:00	Lunch	
12:45	<b>Welcome and Introductions</b> Sebastiano Campagna, <i>Chair of Scientific Committee</i>	
12:55	<b>Outline of Discussion Format</b> Tom Wilson and Sage Bowser, <i>Royal Society of Chemistry Publishing Editors</i>	
13:00	<b>Introductory Lecture</b> (Session Chair: Franco Scandola) <u>Devens Gust</u> <i>Arizona State University</i>	
	<b>Session 1: Natural and artificial photosynthesis</b> Session Chair: Antonin Vlcek, Anthony Harriman	
14:00	<b>Photosynthetic Water Oxidation: Binding and Activation of Substrate Waters for O–O Bond Formation</b> <u>Gary Brudvig</u> , David Vinyard, Sahr Khan <i>Yale University</i>	<b>Paper 5913</b>
14:05	<b>Watching the Dynamics of Electrons and Atoms at Work in Solar Energy Conversion</b> <u>Villy Sundstrom</u> , Sophie Canton, Xiaoyi Zhang, Yizhu Liu, J. Zhang, Mátyás Pápai, Alice Corani, Grigory Smolentsev, K. Attenkofer, Fei Li, Tobias Harlang, D. Vithanage, Pavel Chabera, Amélie Bordage, Licheng Sun, Sascha Ott, Guy Jennings, Amanda Smeigh, A Kurtz, Kenneth Warnmark <i>Lund University, Chemical Physics</i>	<b>Paper 6682</b>
14:10	<b>Ultrafast charge transfer dynamics in supramolecular Pt(II) donor–bridge–acceptor assemblies: the effect of vibronic coupling</b> Paul A. Scattergood, Milan Delor, Igor V. Sazanovich, Michael Towrie, <u>Julia A. Weinstein</u> <i>University of Sheffield</i>	<b>Paper 5915</b>
14:15	Discussion	
15:30	Afternoon tea	
16:00	<b>Ruthenium catalysts for water oxidation involving tetradentate polypyridine-type ligands</b> Lianpeng Tong, Ruifa Zong, Rongwei Zhou, Nattawut Kaveevivitchai, Gang Zhang, <u>Randolph Thummel</u> <i>University of Houston</i>	<b>Paper 6699</b>
16:05	<b>Raising the barrier for photoinduced DNA charge injection with a cyclohexyl artificial base pair</b> Arunoday P. N. Singh, Michelle A. Harris, Ryan M. Young, Stephen A. Miller, Michael R. Wasielewski, <u>Frederick Lewis</u> <i>Northwestern University</i>	<b>Paper 6680</b>
16:10	Discussion	
17:00	Lightning presentations (by invitation only)	

17:30	Poster Session and Wine Reception <i>Sponsored by Cogent</i>
19:00	Close

### Wednesday 16 September

	<b>Session 1 continued: Natural and artificial photosynthesis</b> Session Chair: Frank Würthner	
09:00	<b>Water oxidation catalysis upon evolution of molecular Co(III) cubanes in aqueous media</b> Andrea Genoni, Giuseppina La Ganga, Andrea Volpe, Fausto Puntoriero, Marilena Di Valentin, Marcella Bonchio, Mirco Natali, <u>Andrea Sartorel</u> <i>University of Padova</i>	<b>Paper 6703</b>
09:05	<b>Supramolecular bimetallic assemblies for photocatalytic hydrogen generation from water</b> Tanja Kowacs, Qing Pan, Philipp Lang, Laura O'Reilly, Sven Rau, Wesley R. Browne, Mary T. Pryce, Annemarie Huijser, <u>Johannes G. Vos</u> <i>Dublin City University</i>	<b>Paper 6731</b>
09:10	<b>Synthesis and strong photooxidation power of a supramolecular hybrid comprising a polyoxometalate and Ru(II) polypyridyl complex with zinc(II)</b> Kenji Ohashi, Hiroyuki Takeda, Kazuhide Koike, <u>Osamu Ishitani</u> <i>Tokyo Institute of Technology</i>	<b>Paper 5918</b>
09:15	Discussion	
10:30	Morning Tea	
	<b>Session 2: Luminescence Sensing and Imaging</b> Session Chair: Cornelia Bohne	
11:00	<b>Highly luminescent gold nanoparticles: effect of ruthenium distance for nanoprobe with enhanced lifetimes</b> Zoe Pikramenou, <u>Shani Osborne</u> <i>University of Birmingham</i>	<b>Paper 6798</b>
11:05	<b>A chelating diisocyanide ligand for cyclometalated Ir(III) complexes with strong and tunable luminescence</b> Nicola Armaroli, <u>Filippo Monti</u> , Andrea Baschieri, Elia Matteucci, Andrea Mazzanti, Letizia Sambri, Andrea Barbieri <i>Consiglio Nazionale delle Ricerche</i>	<b>Paper 6774</b>
11:10	<b>Comparison of self-assembled and micelle encapsulated QD chemosensor constructs for biological sensing</b> Christopher M. Lemon, <u>Daniel G. Nocera</u> <i>Harvard University</i>	<b>Paper 5917</b>
11:15	Discussion	
12:30	Lunch	
	<b>Session 2: Luminescence Sensing and Imaging</b> Session Chair: Zoe Pikramenou, Daniel Nocera	
13:30	<b>Parameters influencing the photo-induced electron transfer from tryptophan containing peptides to a Ru<sup>II</sup> complex: a systematic study</b> <u>Cécile Moucheron</u> , Kevin Garnir, Sandra Estalayo-Adrián, Remy Lartia, Julien De Winter, Eric Defrancq, Mathieu Surin, Vincent Lemaire, Pascal Gerbaux <i>Université libre de Bruxelles</i>	<b>Paper 6823</b>
13:35	<b>Solvent tuned single molecule dual emission in protic solvents:</b>	<b>Paper 6721</b>

	<b>effect of polarity and H-bonding</b> S. Chevreux, C. Allain, L. Wilbraham, K. Nakatani, P. Jacques, I. Ciofini, <u>Gilles LeMercier</u> <i>Institut de Chimie Moléculaire de Reims</i>	
13:40	<b>An electrochemiluminescence - supramolecular approach to sarcosine detection for early diagnosis of prostate cancer</b> <u>Luca Prodi</u> , Giovanni Valenti, Enrico Rampazzo, Elisa Biavardi, Elena Villani, Giulio Fracasso, Massimo Marcaccio, Federico Bertani, Dunia Ramaldi, Enrico Dalcanale, Francesco Paolucci <i>University of Bologna</i>	<b>Paper 5916</b>
13:45	Discussion	
15:00	Afternoon Tea	
	<b>Session 3: Light-activated Molecular Machines and Logic Gates</b> Session Chair: Villy Sundstroem, John Kelly	
15:30	<b>Fluorescent logic systems for sensing and molecular computation: structure–activity relationships in edge-detection</b> Jue Ling, Gaowa Naren, Jessica Kelly, Adam Qureshi, <u>A. Prasanna de Silva</u> <i>Queen's University Belfast</i>	<b>Paper 6480</b>
15:35	<b>Photoswitchable stable charge-distributed states in a new cobalt complex exhibiting photo-induced valence tautomerism</b> Michael Slota, Marian Blankenhorn, Eric Heintze, Minh Vu, Ralph Hübner, <u>Lapo Bogani</u> <i>Universität Stuttgart</i>	<b>Paper 6683</b>
15:40	<b>Spatiotemporal control over the coconformational switching in pHresponsive flavylium-based multistate pseudorotaxanes</b> <u>Nuno Basílio</u> , Ana Diniz, Hugo Cruz, Fernando Pina, A. Jorge Parola <i>Universidade Nova de Lisboa</i>	<b>Paper 6789</b>
15:45	<b>Determination of the kinetics underlying the pK<sub>a</sub> shift for 2-aminoanthracenium cation binding with cucurbit[7]uril</b> <u>Cornelia Bohne</u> , Suma Thomas <i>University of Victoria</i>	<b>Paper 5920</b>
15:50	Discussion	
17:30	Close of sessions	
18:00	Poster session and wine reception <i>Sponsored by Cogent</i>	
19:30	Conference Dinner	

#### Thursday 17 September

	<b>Session 4: Self-organization of Photo-active Nanostructures</b> Session Chair: Cecile Moucheron, Fred Lewis	
09:00	<b>Quantifying the formation of chiral luminescent lanthanide assemblies in an aqueous medium through chiroptical spectroscopy and generation of luminescent hydrogels</b> <u>Thorfinnur Gunnlaugsson</u> , Samuel Bradberry, A. Savyasachi, R. Peacock <i>Trinity College Dublin</i>	<b>Paper 5919</b>
09:05	<b>Energy transfer within self-assembled cyclic multichromophoric arrays based on orthogonally arranged donor - acceptor building blocks</b> Nikolaos Karakostas, Antonia Kaloudi-Chantzea, Elisabeth Martinou, Kostas Seintis, Florian Pitterl, Herbert Oberacher, Mihalís Fakis, Jiannis K. Kallitsis, <u>George Pistolis</u>	<b>Paper 6722</b>

	<i>National Center for Scientific Research "Demokritos"</i>	
09:10	<b>Monitoring guanine photo-oxidation by enantiomerically resolved Ru(II) dipyridophenazine complexes using inosine-substituted oligonucleotides</b> <u>John Kelly</u> , Paraic Keane, Fergus Poynton, James Hall, Ian Clark, Igor Sazanovich, Michael Towrie, Thorfinnur Gunnlaugsson, Susan Quinn, Christine Cardin <i>Trinity College Dublin</i>	<b>Paper 6810</b>
09:15	<b>Photoactive amphiphiles for the assembly of supramolecular architectures</b> <u>Fabio Cucinotta</u> , Benjamin Jarman <i>Newcastle University</i>	<b>Paper 6801</b>
09:20	Discussion	
11:00	Morning Tea	
	<b>Session 4 continued: Self-organization of Photo-active Nanostructures</b> Session Chair: Eimer Tuite, Johannes Vos	
11:30	<b>Light-harvesting antennae based on photoactive silicon nanocrystals functionalized with porphyrin chromophores</b> Andrea Fermi, Mirko Locritani, Gabriele Di Carlo, Maddalena Pizzotti, Stefano Caramori, Yixuan Yu, Brian A. Korgel, Giacomo Bergamini, <u>Paola Ceroni</u> <i>University of Bologna</i>	<b>Paper 5923</b>
11:35	<b>Photoelectrochemical properties of porphyrin dyes with a molecular dipole in the linker</b> Ken T. Ngo, Jonathan Rochford, Hao Fan, Alberto Batarseh, Keyur Chitre, Sylvie Rangan, Robert A. Bartynski, <u>Elena Galoppini</u> <i>Rutgers University</i>	<b>Paper 6567</b>
11:40	<b>Photoinduced electron transfer (PET) versus excimer formation in supramolecular p/n-heterojunctions of perylene bisimide dyes and implications for organic photovoltaics</b> <u>Frank Würthner</u> , Agnieszka Nowak-Krol, Benjamin Fimmel, Minjung Son, Dongho Kim <i>Universität Würzburg</i>	<b>Paper 5914</b>
11:45	Discussion	
13:00	<b>Concluding Remarks Lecture</b> (Session Chair: A.P. De Silva) <u>Dario Bassani</u> <i>Université de Bordeaux - CNRS</i>	
13:40	<b>Acknowledgements</b>	
13:45	<b>Close of meeting and lunch</b>	

Presenting authors are indicated in the programme by an underline. The affiliation is for the presenting author. If the presenting author of your paper has changed since abstract selection please email [events@rsc.org](mailto:events@rsc.org). Please note that this is a draft programme and timings may change.