

19th ISPPCC - Scientific Programme

Plenary Lectures: 40+5 min, Invited Lectures: 25+5 min, Oral talks: 15+5 min, Flash Poster: 5 min

Sunday July 3		
17:00	Opening	
		Presiding: F. Scandola
17:15	PL-1	J.-P. Sauvage (<i>Université de Strasbourg, France, & Northwestern University, USA</i>) Multicomponent transition metal complexes: From charge separation to light-driven molecular machines
18:30	Welcome Buffet	
Monday July 4		
		Presiding: O. Ishitani
08:30	PL-2	V. W.-W. Yam (<i>University of Hong Kong, PR China</i>) Design and assembly strategies towards photofunctional molecular and supramolecular metal complexes
09:15	O-01	K. Kalyanasundaram , M. Gratzel (<i>Swiss Federal Institute of Technology at Lausanne, Switzerland</i>) Design of efficient dyes for dye-sensitized solar cells
09:35	O-03	C. Reber , E. González (<i>Université de Montréal, Canada</i>) Constructive and destructive interference between electronic transitions: Dips in absorption spectra
09:55	O-04	Ken Sakai (<i>Kyushu University, Japan</i>) Photoinduced charge storage in supramolecular photocatalysts with multiviologen tethers: application to Pt(II)-catalyzed hydrogen evolution from water
10:15	Coffee break	
		Presiding: J. A. G. Williams
10:45	IL-1	J. K. McCusker , J. N. Schrauben, E. A. Juban (<i>Michigan State University, USA</i>) Steric and electronic modulation of ultrafast excited-state dynamics

11:15	O-05	L. Aboshyan Sorgho , C. Besnard, P. Pattison, K. R. Kittilstved, A. Aebischer, J.-C. G. Bünzli, A. Hauser, C. Piguet (<i>University of Geneva, Switzerland</i>) Molecular near-infrared to visible light upconversion in a trinuclear d-f-d complex
11:35	O-06	O. Horváth , Z. Valicsek, G. Harrach, G. Lendvay, M. A. Fodor (<i>University of Pannonia, Hungary</i>) Photophysical and photochemical properties of watersoluble metalloporphyrins of distorted structure
12:15	Lunch break	
	Presiding: P. Hoggard	
14:00	PL-3	R. Ziessel (<i>Ecole Européenne de Chimie, Polymères et Matériaux, Strasbourg, France</i>) Fluorescent boron complexes: past, present and beyond
14:45	O-07	B. J. Holliday , X.-Y. Chen, J. M. Stanley, T. W. Hesterberg (<i>University of Texas at Austin, USA</i>) Photoluminescent and electroluminescent materials consisting of novel conducting metallopolymer architectures
15:05	O-08	S. Sato , T. Arai, T. Morikawa, K. Uemura, T. M. Suzuki, H. Tanaka, T. Kajino (<i>Toyota Central Research and Development Laboratories, Inc., Japan</i>) Selective CO ₂ conversion to formate conjugated with H ₂ O oxidation utilizing semiconductor/complex hybrid photocatalysts
15:25	O-09	C. Moucheron , S. Rickling, S. Le Gac, F. Dabeux, L. Marcélis, J. Lambermont, A. Kirsch – De Mesmaeker (<i>Université libre de Bruxelles, Belgium</i>) Intelligent ruthenium complexes for gene silencing applications
15:45	O-10	E. Zysman-Colman (<i>Université de Sherbrooke, Canada</i>) Iridium hemicage chelates: Lessons learned in luminophore design
16:05	Coffee break	
	Presiding: G. Stochel	
16:30	IL-2	L. Hammarström (<i>Uppsala University, Sweden</i>) Controlling electron transfer in artificial photosynthesis
17:00	O-12	C.-C. Ko , L. T.-L. Lo, C.-O. Ng, S.-M. Yiu (<i>City University of Hong Kong, P. R. China</i>) Synthesis and photophysical study of new classes of luminescent isocyanorhenium(I) diimine complexes
17:20	O-13	V. Plyusnin , V. Grivin, A. Kolomeets, S. Larionov, H. Lemmetyinen (<i>Institute of Chemical Kinetics and Combustion, Novosibirsk, Russia</i>)

		Fast photophysical, photochemical and photochromic processes for dithiolate complexes of transition metals
17:40		ERC
		Presiding: D. R. McMillin
18:00		Poster Flash (odd number)
18:45		Poster Session (odd number) & Snacks
Tuesday July 5		
		Presiding: A. Kirsch – De Mesmaeker
08:30	PL-4	R. Eisenberg (<i>University of Rochester, USA</i>) The reductive side of water splitting and the light driven generation of hydrogen from water: New developments, strategies and results
09:15	O-14	K. K.-W. Lo , K. Y. Zhang, M.-W. Louie, S.-K. Leung, S. P.-Y. Li, W. H.-T. Law, and H.-W. Liu (<i>City University of Hong Kong, P. R. China</i>) Effects of appended molecular substrates on the photophysical and biological properties of luminescent iridium(III) and rhenium(I) polypyridine complexes
09:35	O-15	V. Bulach , F. Sguerra, F. Eckes, A. Guenet, M. W. Hosseini, C. Strassert, L. De Cola (<i>Université de Strasbourg, France</i>) Sensitization of the NIR emission of lanthanide by a porphyrin antenna
09:55	O-16	T. D. Pilz , K. Peuntinger, M. Schaub, D. M. Guldi, S. Rau (<i>Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany</i>) Ru-Ag, Ru-Rh and Ru-Pd dyades with NHC-bridging ligands for solar hydrogen
10:15		Coffee break
		Presiding: A. Deronzier
10:45	IL-3	H. L. Anderson (<i>Oxford University, United Kingdom</i>) Supramolecular chemistry and photophysics of porphyrin-based molecular wires
11:15	O-17	E. G. Moore , D. Villamaina, A. Rosspeintner, J. Grilj, E. Vauthey, M. E. Gallina, P. Ceroni (<i>University of Melbourne, Australia & University of Bologna, Italy</i>) An ultrafast investigation of the antenna effect for sensitised lanthanide luminescence
11:35	O-26	K. Szaciłowski , M. Oszejca (<i>Jagiellonian University & University of Science and Technology, Kraków, Poland</i>) Quantum-chemical studies of titanium(IV)-acene systems

11:55	O-19	C. P. Berlinguette (<i>University of Calgary, Canada</i>) Bichromic cyclometalated ruthenium complexes for dye-sensitized solar cells
12:15	Lunch break	
	Presiding: N. Murakami Iha	
14:00	PL-5	S. Kitagawa (<i>Kyoto University & Science and Technology Agency, Japan</i>) Soft Porous Coordination Polymers Having Optical Properties
14:45	O-20	P. C. Ford , P. Burks, A. Ostrowski, J. Garcia, P. Wagenknecht, F. Zhang (<i>University of California, Santa Barbara, USA</i>) Nanomaterial antennae in photodelivery of bioactive molecules
15:05	O-21	M. Beyler , M. Karnahl, S. Tschierlei, R. Lomoth, S. Ott (<i>Uppsala University, Sweden</i>) Mononuclear FeII complexes as molecular catalysts for hydrogen evolution
15:25	O-22	T. Karatsu , N. Imai, K. Tsuchiya, S. Yagai, A. Kitamura, H. Ottosson (<i>Chiba University, Japan</i>) Chirality in the photochemical mer-fac isomerization of triscyclometalated Ir(III) complexes through diastereomeric transition states
15:45	O-23	N. J. Farrer , J. A. Woods, L. Salassa, Y. Zhao, K. S. Robinson, P. J. Sadler (<i>University of Warwick, United Kingdom</i>) Photoactivatable platinum azido complexes as selective anticancer agents
16:05	Coffee break	
	Presiding: G. Loukova	
16:30	IL-4	T. Strassner (<i>Technische Universität Dresden, Germany</i>) Blue phosphorescent emitters based on transition metal NHC-complexes
17:00	O-24	A. Kobayashi , Y. Fukuzawa, H.-C. Chang, M. Kato (<i>Hokkaido University, Sapporo, Japan</i>) Photo- and vapour-induced linkage isomerization of bithiocyanato platinum(II) complex
17:20	O-25	G. Freeman , J. A. G. Williams (<i>University of Durham, United Kingdom</i>) New terdentate ligands for light-emitting metal complexes
	Presiding: V. Guerschais	
18:00	Poster Flash (even number)	
18:45	Poster Session (even number) & Snacks	

Wednesday July 6

		Presiding: E. Tuite
08:30	PL-6	M. Chergui (<i>Ecole Polytechnique Fédérale de Lausanne, Switzerland</i>) Broadband femtosecond fluorescence studies of the relaxation dynamics of metalloporphyrins
09:15	IL-5	L. Prodi , S. Bonacchi, D. Genovese, R. Juris, M. Montalti, E. Rampazzo, N. Zaccheroni (<i>Università degli Studi di Bologna, Italy</i>) Luminescent silica nanoparticles towards new frontiers of brightness
09:45	O-27	L.S. Natrajan , M.P. Redmond, S.M. Cornet, S.D. Woodall, D. Whittaker, D. Collison, J.J.W McDouall, S. Faulkner (<i>University of Manchester, United Kingdom</i>) Probing the coordination environment of uranium complexes by emission spectroscopy
10:05	O-28	M. D. Hopkins (<i>University of Chicago, USA</i>) Molecular artificial photosynthetic assemblies for CO ₂ reduction
10:25	Coffee break	
		Presiding: M. Kato
10:50	IL-6	N. H. Damrauer (<i>University of Colorado at Boulder, USA</i>) Manipulating excited-state energy conversion in transition metal complexes through optical pulse shaping and molecular structure
11:20	O-29	K. Ishii , T. Shibamura, R. Nakamura, Y. Hirakawa, K. Hashimoto (<i>University of Tokyo, Japan</i>) Observation of <i>in vivo</i> cytochrome-based electron transport dynamics using time-resolved evanescent wave electroabsorption spectroscopy
11:40	O-30	I. V. Sazanovich, O. V. Bouganov, G. Greetham, M. Ya. Mel'nikov, A. W. Parker, P. Portius, S. A. Tikhomirov, M. Towrie, J. A. Weinstein (<i>University of Sheffield, United Kingdom</i>) dynamics of photoinduced charge transfer and vibrational relaxation in PtII cascades: Ultrafast TA, TRIR and 2DIR insight
12:00	O-31	W. Macyk , K. Kruczała, G. Stochel, K. Szaciłowski, J. Kunczewicz (<i>Jagiellonian University, Kraków, Poland</i>) Photosensitization of TiO ₂ by coordination compounds based on electron or hole injection mechanisms
12:20	Lunch	
14:00	Excursion	

19:30	Aperitif and Poster Prices	
20:30	Banquet	
Thursday July 7		
	Presiding: H. Le Bozec	
08:30	PL-7	F. N. Castellano (<i>Bowling Green State University, USA</i>) Upconversion photochemistry
09:15	O-32	H. Yersin, J. Yu, R. Czerwieniec (<i>Universität Regensburg, Germany</i>) Singlet harvesting and highly efficient blue light emitting Cu(I) complexes for OLED applications
09:35	O-33	B. Ventura, A. Barbieri, F. Barigelletti, S. Diring, R. Ziessel (<i>Istituto ISOF-CNR, Bologna, Italy</i>) Truxene-based supramolecular structures for lightcollection
09:55	O-34	E. G. Look, H. D. Gafney (<i>City University of New York, USA</i>) Photocatalyzed conversion of CO ₂ to CH ₄ with visible light: An excited-state acid-base process
10:15	Coffee break	
	Presiding: M.-A. Haga	
10:45	IL-7	I. Ciofini (<i>École Nationale Supérieure de Chimie de Paris – Chimie ParisTech 11 – CNRS, France</i>) TD-DFT for the prediction of photophysical properties of coordination compounds
11:15	O-35	S. Bonnet (<i>Leiden University, The Netherlands</i>) Light-induced hopping of polypyridyl ruthenium complexes at lipid bilayers
11:35	O-36	M. Chavarot-Kerlidou, P. Zhang, P.-A. Jacques, M. Wang, L. Sun, M. Fontecave, V. Artero (<i>Université Joseph Fourier - CNRS & CEA, DSV/iRTSV, Grenoble, France</i>) Stable cobalt diimine-dioxime catalysts for sustained light-driven hydrogen production
11:55	O-37	M. E. Thompson, M. Whited, S. Roberts, R. McAnally, C. Schlenker, S. Bradforth (<i>University of Southern California, Los Angeles, USA</i>) Managing singlet and triplet excitons in organic solar cells
12:15	Lunch break	

		Presiding: M. Hissler
14:00	IL-8	Y. Chi (<i>National Tsing Hua University, Taiwan</i>) Thiocyanate-free Ru(II) sensitizers for DSSC applications
14:30	O-38	B. Dietzek, R. Siebert, M. Wächtler , M. Schmitt, S. Rau, L. González, R. Beckert, U. S. Schubert, J. Popp (<i>Friedrich-Schiller University & Institute of Photonic Technology, Jena, Germany</i>) Excited-state dynamics in ruthenium(II)-polypyridine based black absorbers and white emitters
14:50	O-39	M. Panigati , M. Mauro, C.-Y. Shin, C.-H. Yang, C.-H. Chang, G. D'Alfonso, L. De Cola (<i>Università degli Studi di Milano, Milano, Italy</i>) Rhenium complex as emitting material in highly efficient phosphorescent organic light-emitting diodes
15:10	O-40	F. Pointillart , T. Cauchy, O. Maury, Y. Le Gal, S. Golhen, O. Cador, L. Ouahab (<i>Université de Rennes – CNRS, France</i>) Tetrathiafulvalene-amido-2-pyridine-N-oxide as efficient charge-transfer antenna ligand for the sensitization of the near IR Yb(III) luminescence
15:30	Coffee break	
		Presiding: S. Campagna
16:00	O-41	M. Mydlak , M. Mauro, F. Polo, M. Felicetti, J. Leonhardt, G. Diener, L. De Cola, C. A. Strassert (<i>Westfälische Wilhelms-Universität Münster, Germany</i>) Controlling aggregation in highly emissive Pt(II) complexes
16:20	O-42	M. Schulz , R. Groarke, G. S. Bindra, S. Soman, A. Paul, J. Inglis, M. Pryce, S. Rau, J. G. Vos (<i>Dublin City University, Ireland</i>) Effect of the nature of the ligands on the photocatalytic hydrogen production
16:40	PL-8	J.-C. G. Bünzli (<i>École Polytechnique Fédérale de Lausanne, Switzerland & Korea University, Jochiwon, South Korea</i>) The fascinating world of lanthanide luminescence
17:30	Closing	