

SCIENTIFIC PROGRAM

Monday July 14

Plenary Session I (Amphitheater A)

8:45 Opening Ceremony

9:10 PL1 Jiro Abe (Aoyama Gakuin University, Japan)
Fundamentals and applications of fast photochromic materials



10:00 COFFEE BREAK

Parallel session I (Amphitheater A)

10:30 IL1 James McCusker (Michigan State University, USA)
Spin effects on energy and electron transfer processes



11:00 OC1 Josef Michl (University of Colorado, USA)
Time-resolved fluorescence anisotropy from guests in nanocrystal inclusion compounds

11:20 OC2 Dongho Kim (Yonsei University, South Korea)
Comparative study of exciton delocalization in π -conjugated linear and cyclic oligothiophenes

11:40 OC3 Christoph Lambert (University of Würzburg, Germany)
Photoinduced energy transfer processes in squaraine polymers

12:00 OC4 Jye-Shane Yang (National Taiwan University, Taiwan)
Aggregation-induced emission of GFP-like chromophores via exclusion of solvent-solute hydrogen bonding

12:20 LUNCH

Parallel session 2 (Amphitheater B)

- 10:30 IL2 Chihaya Adachi (Kyushu University, Japan)
Molecular design for high efficiency delayed fluorescence and their application in organic light emitting diodes
- 11:00 OC5 Bo Albinsson (Chalmers University of Technology, Sweden)
Self-assembled DNA nanosystems for energy and electron transfer applications
- 11:20 OC6 Pavel Müller (CEA/iBiTec-S, Université Paris Sud, France)
Unexpected effects of pH and ATP binding on electron and proton transfer in plant photoreceptor cryptochrome
- 11:40 OC7 Takuya Nakashima (Nara Institute of Science and Technology, Japan)
Intense charge transfer emission in donor-acceptor conjugated fluorophores with quinoidal character
- 12:00 OC8 Laurent Bouffier (University of Bordeaux, France)
Coupling wireless electrochemistry and light emission on bipolar electrodes



12:20 LUNCH

Parallel session 3 (Amphitheater C)

- 10:30 IL3 Uwe Pischel (University of Huelva, Spain)
Photochromic switches for advanced molecular information processing
- 11:00 OC9 Kristen E. Snell (University of Nantes, France)
Fabrication and spectroscopic studies of photochromic hybrid nanomaterials
- 11:20 OC10 Daria Berdnikova (Russian Academy of Sciences, Russia)
Protonation driven switching between energy transfer and dual photochromism
- 11:40 OC11 Karl Borjesson (University of Strasbourg, France)
High performance optically switchable transistors: Blending photochromic systems with organic or polymeric semiconductors



12:00 OC12 Rossella Castagna (Politecnico di Milano, Italy)
Tuning the crystal packing of photoactive switches: Role of soft-hard substituents

12:20 LUNCH

Plenary session 2 (Amphitheater A)

14:00 PL2 Miguel Garcia-Garibay (UCLA, USA)
Reaction yield amplification by quantum-chain photochemical reactions in crystalline solids



14:50 COFFEE BREAK

Parallel session 4 (Amphitheater A)

15:20 IL4 Makoto Fujita (Tokyo University, Japan)
Crystalline sponge method: X-ray analysis without crystallization on the microgram scale



15:40 OC13 Alexandre Fuerstenberg (University of Geneva, Switzerland)
How small changes make a big difference. Photostability vs. phototoxicity of canonical and modified DNA nucleobases

16:00 OC14 Satoshi Habuchi (King Abdullah University of Science and Technology, Saudi Arabia)
Single-molecule diffusion and conformational dynamics by spatial integration of temporal fluctuations

16:20 OC15 Syoji Ito (Osaka University, Japan)
Anomalous diffusion of guest molecules in polymer thin films investigated by three-dimensional single-molecule tracking

16:40 OC16 Cristina Martin-Alvarez (Universidad de Castilla-La Mancha, Spain)
Location and freedom of single and double guest in dye-doped polymer nanoparticles

Parallel session 5 (Amphitheater B)

- 15:20 IL5 Ayyappanpillai Ajayaghosh (NIIST, India)
Photoresponsive supramolecular assemblies and gels
- 15:40 OC17 A. Jorge Parola (Universidade Nova de Lisboa Portugal)
Towards photorheology: Systems based 2-hydroxychalcones, cinnamic acids and coumarines
- 16:00 OC18 R. Scott Murphy (University of Regina, Canada)
Photocontrolled ion permeability of lipid vesicles incorporating amphiphilic dithienylethenes
- 16:20 OC19 Kazushi Kinbara (Tohoku University, Japan)
Manipulation of phospholipids by photoresponsive alternating multiblock amphiphilic compounds
- 16:40 OC20 Chiranjib Banerjee (IIT Kharagpur, India)
Synthesis of surface active ionic liquids (sails) forming microheterogeneous systems: Investigations of photophysical and dynamical phenomena



Parallel session 6 (Amphitheater C)

- 15:20 IL6 Victor Plyusnin (Institute of Chemical Kinetics and Combustion, Russia)
Photophysics and photochemistry of the dithiolate Cu(II) and Ni(II) complexes. Processes from hundreds of femtoseconds to seconds
- 15:40 OC21 Mario Berberan-Santos (Universidade de Lisboa, Portugal)
Thermally activated delayed fluorescence and isotope effects
- 16:00 OC22 Nicholas Parra-Vasquez (Los Alamos National Laboratory, USA)
Photoenergy transfer in SWCNT mesomaterials
- 16:20 OC23 Francesca Terenziani (Parma University, Italy)
Amplified two-photon brightness in organic multicomponent nanoparticles



16:40 OC24 Yang Guoqiang (Chinese Academy of Sciences, China)
Fluorescent probes based on novel intramolecular charge transfer compounds

Poster Session 1 (Multipurpose Area)

17:00 Odd Poster Numbers

17:30 Wine and Cheese

Tuesday July 15

Plenary session 3 (Amphitheater A)

9:00 PL3 Otto Wolfbeis (University of Regensburg, D)
Chemical sensing and biosensing using advanced fluorescent (nano) materials



9:50 COFFEE BREAK

Parallel session 7 (Amphitheater A)

10:20 IL7 Hiroaki Misawa (Hokkaido University, Japan)
Plasmon-assisted artificial photosynthesis systems



10:50 OC25 Martin Vacha (Tokyo Institute of Technology, Japan)
Natural and artificial light-harvesting complexes studied by single-molecule spectroscopic techniques

11:10 OC26 Giorgio Pariani (INAF, Italy)
Innovative approach to photochromic materials for sub-diffraction optical lithography

11:30 OC27 Tomislav Suhina (University of Amsterdam, Netherlands)
A tale of two cities: Imaging surface contacts with fluorescent probes

11:50 OC28 Matteo Mauro (Université de Strasbourg, France)
Luminescent platinum(II) complexes with self-assembly properties as labels for bio-imaging

12:10 LUNCH

Parallel session 2 (Amphitheater B)

10:20 IL8 Claudia Turro (Ohio State University, USA)
Excited states of inorganic complexes for applications in biology and sustainable energy



10:50 OC29 Guillermo Orellana (Universidad Complutense de Madrid, Spain)
Coupling molecular recognition and photochemical sensing in the nanoworld

11:10 OC30 Ross Brown (UPPA and CNRS, France)
Improving fluorescence detection of neurotransmitters: New cyclotriveratrylene nanoparticles discriminating acetylcholine from choline

11:30 OC31 Julia Perez-Prieto (Universitat de Valencia, Spain)
Functional upconverting NAYF₄ nanocrystals

11:50 OC32 Mireille Blanchard-Desce (University Bordeaux, CNRS, France)
Design of ultrabright organic nanoparticles for biophotonics: Novel routes for molecular-based nanophotonics

12:10 LUNCH

Parallel session 3 (Amphitheater C)

10:20 IL9 Alberto Credi (University of Bologna, Italy)
The eternal youth of azobenzene: New photoactive molecular and supramolecular devices and materials



10:50 OC33 Tatu Kumpulainen (University of Amsterdam, The Netherlands)
Shuttling in a novel photoacid containing rotaxane induced by intermolecular excited-state proton transfer

- 11:10 OC34 Santiago Lascano (University of Geneva, Switzerland)
Single-molecule fluorescence switching of diarylethene derivatives by using ultraviolet and visible lasers
- 11:30 OC35 David Mendive-Tapia (University of Nantes, France)
New insights into the by-product fatigue mechanism of the photo-induced ring opening in diarylethenes
- 11:50 OC36 Yasushi Yokoyama (Yokohama National University, Japan)
Solubility control of a phenanthroline-attached bithienylethene by photochromism

12:10 LUNCH

Plenary session 4 (Amphitheater A)

- 14:00 PL4 David Leigh (University of Manchester, UK)
Making the tiniest machines



14:50 COFFEE BREAK

Parallel session 10 (Amphitheater A)

- 15:20 IL10 Christiane Timmel (University of Oxford, UK)
"A bird's eye view" of cavity based absorption spectroscopy of radical pairs
- 15:40 OC37 Paola Ceroni (University of Bologna, Italy)
Silicon nanocrystals coated by photoactive molecules as light-harvesting antennae
- 16:00 OC38 Antonino Arrigo (University of Messina, Italy)
Investigating on the role of the bridge in the electron transfer process: molecular donor-bridge-acceptor systems composed by Ru(II)-bisTerpy as donor



- 16:20 OC39 Minjung Son (Yonsei University, Republic of Korea)
Folding-induced modulation of excited-state dynamics in an oligophenylene-ethynylene-tethered spiral perylene bisimide aggregate
- 16:40 OC40 Xiaonan Ma (Christian-Albrechts-University Kiel, Germany)
The ultrafast excited state ring-opening reaction of 1H-benzotriazole in solution

Parallel session 11 (Amphitheater B)

- 15:20 IL11 Fabrice Odobel (University of Nantes, France)
Molecular systems to mimic the charge photoaccumulation and the Z Scheme functions of biological photosynthesis
- 15:40 OC41 Kenneth Ghiggino (University of Melbourne, Australia)
"Hot" electron transfer in self-assembled porphyrin constructs
- 16:00 OC42 Koichi Yamashita (University of Tokyo, Japan)
A DFT analysis on the electronic properties of methylammonium lead iodide perovskite
- 16:20 OC43 Yi Li (Key Laboratory of Photochemical Conversion and Optoelectronic Materials, Chinese Academy of Sciences, China)
Enhanced photocatalytic hydrogen production from a MCM-41-immobilized photosensitizer, [Fe-Fe]-hydrogenase mimic dyad
- 16:40 OC44 Günther Knör (Johannes Kepler University, Austria)
Red light driven artificial photosynthesis with tin-chlorin as a stable chlorophyll-type sensitizer



Parallel session 12 (Amphitheater C)

- 15:20 IL12 Axel Griesbeck (University of Cologne, Germany)
Singlet oxygen reactions: new selectivity modes and synthetic applications



- 15:40 OC45 Nikola Basaric (Rudjer Boskovic Institute, Croatia)
Antiproliferative activity of photogenerated quinone methides from anthracene derivatives
- 16:00 OC46 Stéphanie Leroy-Lhez (University of Limoges, France)
Synthesis and characterizations of new conjugated porphyrins - towards applications in two-photon photodynamic therapy
- 16:20 OC47 Fernando Pina (Universidade Nova de Lisboa, Portugal)
Network of chemical reactions involving flavylum compounds in confined media
- 16:40 OC 48 Yasuhiro Nishiyama (Nara Institute of Science and Technology, Japan)
Highly efficient and diastereoselective photoreactions using flow microreactors

Poster Session 2 (Multipurpose Area)

17:00 Even Poster Numbers

Amphitheater B

- 17:30 Denis Louvel (Mettler – Toledo France)
Workshop on Weighing: Best practices for precision weighing
- 18:00 EPA General Assembly followed by reception for EPA members

Wednesday July 16

Plenary session 5 (Amphitheater A)

- 9:00 PL5 Lucia Flamigni (CNR ISOF, Italy)
Functional arrays for light energy capture and charge separation



9:50 COFFEE BREAK

Parallel session 13 (Amphitheater A)

- 10:20 IL13 Majed Chergui (EPFL, Switzerland)
Ultrafast relaxation dynamics in metal complexes: interplay of spin, electronic and structural rearrangements
- 10:50 OC49 Jacek Waluk (Institute of Physical Chemistry, Polish academy of Sciences, Poland)
Competition between different ultrafast channels in the excited state deactivation in anils and boranils
- 11:10 OC50 Benedetta Carlotti (University of Perugia, Italy)
Photoinduced symmetry-breaking intramolecular charge transfer in quadrupolar systems showing positive and negative solvatochromism
- 11:30 OC51 Michel Sliwa (University of Lille 1, France)
Ultrafast spectroscopy and advanced data analysis of oxyluciferin and its synthetic derivatives to understand the molecular mechanism of bioluminescence
- 11:50 OC52 Vincent Rodriguez (University of Bordeaux, France)
Surface structure and surface charge of dipolar chromophore-based fluorescent organic nanoparticles probed by hyper-Rayleigh scattering



12:10 LUNCH

Parallel session 14 (Amphitheater B)

- 10:20 IL14 Laren Tolbert (Georgia Institute of Technology, USA)
Turn-on fluorescent sensors for biological applications
- 10:50 OC53 Anna Bergen (Ecole Normale Supérieure / Université Pierre et Marie Curie, France)
Photo-switchable binding to nucleic acids
- 11:10 OC54 J. C. Lima (Univ. Nova de Lisboa, Portugal)
Multiplexing light outputs/inputs in nucleic acid sensors and actuators
- 11:30 OC55 Antje Neubauer (University of Rostock, Germany)
Enzyme activation by laser-induced pH-jump



11:50 OC56 Rémi Métivier (Ecole Normale Supérieure de Cachan, France)
Giant amplification of fluorescence photoswitching in organic nanoparticles with few photons

12:10 LUNCH

Parallel session 15 (Amphitheater C)

10:20 IL15 Hiroshi Uji-i (KU Leuven, Belgium)
Sub-diffraction limited remote excitation of surface enhanced Raman / fluorescence spectroscopy



10:50 OC57 Shin-nosuke Uno (University of Tokyo, Japan)
Development of spontaneously blinking fluorophores based on intramolecular spirocyclization for live-cell super-resolution imaging

11:10 OC58 Jaroslav Jacak (Johannes Kepler University, Austria)
STED lithography structuring with functional clusters

11:30 OC59 Lorenzo Albertazzi (Eindhoven University of Technology, Netherlands)
Super resolution imaging of supramolecular materials

11:50 OC60 Andrey Klymchenko (University of Strasbourg, France)
Minimized self-quenching and collective switching of hundreds of dyes inside polymer nanoparticles

12:10 LUNCH

Excursions

Departure	Destination
13:30	Visit to Arcachon
13:45	Visit to Médoc
13:45	Visit to St. Emillion

-Coaches depart from the Congress Center *ON TIME*

-Return ca. 18:30, coaches will drop off at the Congress Center and downtown (near Grand Théâtre).

Thursday July 17

Plenary session 6 (Amphitheater A)

9:00 PL6 Jincui Zhao (Beijing National Laboratory for Molecular Sciences, China)
Selective organic synthesis mediated by TiO₂ photocatalysis



9:50 COFFEE BREAK

Parallel session 16 (Amphitheater A)

10:20 IL16 ChemComm Emerging Investigator Lectureship
Marina Kuimova (Imperial College, UK)
Mapping microscopic viscosity with molecular rotors: from live cells to atmospheric aerosols



10:50 OC61 Tetsuro Majima (Osaka University, Japan)
Photocatalytic reactions using superstructure TiO₂ crystalline nanoparticles with effective charge transfer pathways

11:10 OC62 Ichiro Tanabe (Kwansei Gakuin University, Japan)
Consistent changes of electronic states and photocatalytic activities of TiO₂ upon metal (Au, Pd, Pt) nanoparticles deposition studied by far-ultraviolet spectroscopy

11:30 OC63 Sergio Navalon (Technical University of Valencia, Spain)
Gold, silver or copper metal nanoparticles supported on nanometric diamond as photocatalysts for the Fenton reaction

11:50 OC64 Sylvie Lacombe (IPREM UMR CNRS 5254 UPPA, France)
Revisiting the properties of phenothiazine in solution and in silica-based hybrid materials

12:10 LUNCH

Parallel session 17 (Amphitheater B)

- 10:20 IL17 Joakim Andreasson (Chalmers University, Sweden)
Photochromic control of DNA-binding with added value
- 10:50 OC65 John Kelly (Trinity College, University of Dublin, Ireland)
Transient spectroscopic studies of enantiomerically-resolved intercalating ruthenium dipyridophenazine (dppz) complexes bound to defined sequence DNA
- 11:10 OC66 R. Marshall Wilson (Bowling Green State University, USA)
A pyrene dihydrodioxin with pyridinium "arms": A photochemically active DNA cleaving agent with unusual duplex stabilizing and electron trapping properties
- 11:30 OC67 Virginie Lhiaubet-Vallet (Consejo Superior de Investigaciones Científicas, Spain)
Intrinsic DNA photosensitization by the pyrimidone chromophore
- 11:50 OC68 Elizabeth Boreham (University of Manchester, UK)
Increasing the two photon cross section of transition metal coordination complexes as singlet oxygen sensitizers for photodynamic therapy



12:10 LUNCH

Parallel session 18 (Amphitheater C)

- 10:20 IL18 Will Skene (University of Montreal, Canada)
Autochromes: reversible polymers for fluorescence tuning
- 10:50 OC69 Gilles Clavier (Ecole Normale Supérieure de Cachan, France)
Fluorescent polymeric nanoparticles containing Bodipy: Synthesis and photophysical studies
- 11:10 OC70 Yolanda Vida (University of Malaga, Spain)
One and two-photons excitation of aminonaphthalimide-Bodipy dyads: Biological application



- 11:30 OC71 Youngmi Kim (Dankook University, South Korea)
Aggregation-induced emission enhancement of a meso-trifluoromethyl Bodipy via J-aggregation
- 11:50 OC72 Adrien Faucon (University of Nantes, France)
Cooperative dual-mode nano-assembly for complementary multi-scale two-photon and magnetic resonance imaging
- 12:10 LUNCH

Plenary session 7 (Amphitheater A)

- 14:00 PL7 Jean-Marie Lehn (Nobel Laureate, University of Strasbourg, France)
Towards adaptive chemistry. aspects of photo-induced processes



- 14:50 COFFEE BREAK

Parallel session 19 (Amphitheater A)

- 15:20 OC73 Olga Fedorova (Institute of Organoelement Compounds, Russian Academy of Sciences, Russia)
Photoactive complexes on the basis of crown-containing styrylbenzothiazole and host molecules: Components self-assembly and breakage
- 15:40 OC74 Chiara Bertarelli (Politecnico di Milano, Italy)
Photosensitive polymers undergoing photo-Fries reaction: Understanding the origin of refractive index modulation
- 16:00 OC75 Frédérique Loiseau (University of Grenoble, France)
Photoinduced charge separation assemblies
- 16:20 OC76 Laura Rodriguez (University of Barcelona, Spain)
Molecular recognition processes based on luminescent gold(I) hydrogels

- 16:40 OC77 Veronica Semionova (Voevodsky Institute of Chemical Kinetics and Combustion, Russian Academy of Sciences, Russia)
Supramolecular adducts formed by organic photochromes and the metal-organic coordination polymer

Parallel session 20 (Amphitheater B)

- 15:20 OC78 Gonzalo Cosa (McGill University, Canada)
Fluorogenic antioxidants, visualizing peroxy radicals from ensemble to single molecule
- 15:40 OC79 Mauricio Baptista (Universidade de São Paulo, Brasil)
Photo-induced autophagic cell death
- 16:00 OC80 Belinda Heyne (University of Calgary, Canada)
Can metallic nanoparticles help in amplifying singlet oxygen production?
- 16:20 OC81 Maria Angeles Izquierdo Arcusa (Imperial College London, UK)
Dual use of porphyrazines as sensitizers and viscosity sensors during photodynamic therapy
- 16:40 OC82 Kazuhito Tanabe (Kyoto University, Japan)
Ruthenium complexes with hydrophobic ligands as phosphorescent probe for detection of physiological hypoxia

Parallel session 21 (Amphitheater C)

- 15:20 OC83 Isabelle M. Dixon (Université Paul Sabatier Toulouse, France)
Iron(II) as a viable Ru(II) substitute for photophysical applications?
- 15:40 OC84 Agisilaos Chantzis (University of Nantes, France)
Optical properties of diarylethenes with TD-DFT: 0-0 Energies, fluorescence, stokes shifts and vibronic shapes
- 16:00 OC85 Marco Marazzi (Institute of Physical Chemistry, KIT, Germany)
Understanding the first photoinduced events in channelrhodopsin-2: A computational study

- 16:20 OC86 Maxime Fréneau (Institut de Chimie de Clermont-Ferrand, Université Blaise Pascal, France)
Optimization of pesticides structure using molecular modelization
- 16:40 OC87 Avik Kumar Pati (IIT Madras, India)
On the understanding of photophysics of conjugated diyne

Plenary session 8 (Amphitheater A)

- 17:00 IL19 Silvia E. Braslavsky
The history of the IUPAC Symposia of Photochemistry – A succesful story
- 17:30 PL8 Porter Medal Award
Masahiro Irie (Rikkyo University)
Making and breaking bonds with light : Discovery and development of photochromic diarythenes



Symposium Banquet

Château Smith Haut Lafitte

- Coaches depart from the Congress Center at 19:30
- Return about midnight, coaches will drop off at the Congress Center and downtown (near Grand Théâtre).

Friday July 18

Plenary session 9 (Amphitheater A)

- 9:00 PL9 Hugh Burrows (University of Coimbra, Portugal)
Uranyl ion photochemistry revisited
- 9:50 IL20 EPA - PPS Prize Lecture
Norbert Hoffmann (University of Reims)
Photochemically induced radical reactions with furanones
- 10:20 COFFEE BREAK
- 11:10 IL21 EPA – Ph.D. Prize Lecture
Giuseppina La Ganga (University of Messina)
Artificial photosynthesis: a molecular approach to photoinduced water oxidation
- 11:30 Poster Award Presentation
XXVI IUPAC Symposium
- 11:50 PL10 International Foundation of Photochemistry Lecture
Marta Litter (Comisión Nacional de Energía Atómica, Argentina)
Mechanisms of removal of heavy metals and arsenic from water by TiO₂-heterogeneous photocatalysis
- 12:40 Closing remarks



POSTER PRESENTATIONS

- P1** PHOTOCATALYTIC DEGRADATION OF ALACHLOR OVER BiVO_4 DRIVEN BY VISIBLE LIGHT: PARAMETER AND REACTION PATHWAY INVESTIGATIONS
Chung-Shin Lu, Yi-Kuo Chang, Pei-Feng Lin, Tsung-Yen Wu, Yi-Ching Lu, Yen-Ting Lin
- P2** DIKETOPYRROLOPYRROLES – THROUGH II-EXPANSION TOWARD HIGH TWO-PHOTON BRIGHTNESS
Daniel T. Gryko, Marek Grzybowski, Vincent Hugues, Mireille Blanchard-Desce
- P3** CHARGE-TRANSFER VERSUS LOCAL-BAND EXCITATION IN DONOR-ACCEPTOR SYSTEMS. TETHERED NAPHTHALENE-DICYANOETHENE PAIRS WITH DIFFERENT CHAIN LENGTH AND SUBSTITUTION POSITION
Yoshiaki Aoki, Tadashi Mori, and Yoshihisa Inoue
- P4** CONJUGATED POLYELECTROLYTES AS FLUORESCENT IMAGING PROBE
Zehra Kahveci, M^a José Martínez-Tomé, Rebeca Vázquez, Rocío Esquembre, Ricardo Mallavia and C. Reyes Mateo
- P5** THE PHOTO-MEERWEIN REACTION: ARYLATION REACTIONS IN VISIBLE LIGHT
Thea Hering, Durga P. Hari, Peter Schroll, Burkhard König
- P6** TARGETING THE ANTI-CANCER WARHEAD: SYNTHESIS OF PORPHYRIN-DENDRON CONJUGATES FOR PHOTODYNAMIC THERAPY
Francesca Bryden, Antoine Maruani, Huguette Savoie, Vijay Chudasama, Mark E.B. Smith, Stephen Caddick, Ross W. Boyle
- P7** SELECTIVE DETECTION OF PICRIC ACID USING A CARBAZOLOISOBENZOTRIAZOLOPHANE AS A FLUORESCENT SENSOR
Vikram Singh, Nagarathinam Venkatesan, Ashok Kumar Mishra
- P8** VISIBLE LIGHT INDUCED DECARBOXYLATIONS OF FREE CARBOXYLIC ACIDS WITH THE AID OF ORGANIC DYES
Wolfgang B. Kraus, Kirsten Zeitler
- P9** VISIBLE LIGHT MEDIATED REDUCTIVE CLEAVAGE OF C-O BONDS
Elisabeth M. Speckmeier, Kirsten Zeitler
- P10** SYNTHESIS AND DECOMPOSITION OF WATER-SOLUBLE SULFONYL HYDRAZIDES
Rebecca K. Booth, Wen Li, Simon J. Webb

- P11** RECONSTRUCTION OF MOLECULAR STRUCTURES OF PERYLENE BISIMIDE (PBI) MACROCYCLES BY USING SINGLE-MOLECULE WIDE-FIELD DEFOCUSED IMAGING
Sujin Ham, Jaesung Yang, Felix Schlosser, Frank Würthner and Dongho Kim
- P12** PHOTOPHYSICAL PROPERTIES OF CYCLIC PERYLENE BISIMIDE (PBI) TRIMER PROBED BY SINGLE-MOLECULE FLUORESCENCE SPECTROSCOPY AT LOW TEMPERATURE
Tae-woo Kim, Jaesung Yang, and Dongho Kim
- P13** COVALENTLY FUNCTIONALIZED GRAPHENE COMPOSITES: MECHANISTIC STUDY OF INTERFACIAL QUENCHING AND RECOVERY PROCESSES
Yung Ji Choi, Daesub Hwang, and Dongho Kim
- P14** EXCITED-STATE DYNAMICS OF CHIRAL MOLECULES AT THE LIQUID-LIQUID INTERFACE
Cho-Shuen Hsieh, Eric Vauthey
- P15** SYNTHESIS, CHARACTERIZATION AND PHOTOPHYSICS OF LUMINESCENT RHENIUM(II) DIIMINE COMPLEXES WITH VARIOUS TYPES OF N-HETEROCYCLIC CARBENE LIGANDS
Chi-On Ng, Shek-Man Yiu and Chi-Chiu Ko
- P16** PROTON-COUPLED ELECTRON TRANSFER IN DYADS MIMICKING PHOTOSYSTEM II
Martin Kuss-Petermann, Jing Chen, Oliver S. Wenger
- P17** SPECTROSCOPIC STUDY OF SYNERGISTIC BEHAVIOR OF METHANOL (MOH)-CHLOROFORM (CHCL₃) BINARY SOLVENT MIXTURE
Shradhey Gupta, and Pratik Sen
- P18** A QUANTITATIVE MODEL THAT DESCRIBES THE FLUORESCENCE MODULATION IN A PHOTOCHROMIC TRIAD
Martti Pääs, Michael Gradmann, Regina Schmidt, Katja Gräf, Peter Bauer, Mukundan Thelakkat, and Jürgen Köhler
- P19** SENSITIVE TIME-CORRELATED SINGLE PHOTON COUNTING ENABLES EFFICIENT SINGLET OXYGEN DETECTION
Christian Litwinski, Manoel Veiga, Sebastian Tannert, Felix Koberling, Matthias Patting, Marcus Sackrow, Michael Wahl, Rainer Erdmann Peter Kapusta
- P20** PHOTOCATALYTIC C-H ACTIVATION WITH OXYGEN, FLAVIN DERIVATIVES AND BIOMIMETIC NON-HEME IRON COMPLEXES
Bernd J. Mühlendorf, Robert Wolf

- P21** SELF STERILISING POLYMERS TO COMBAT HEALTHCARE ASSOCIATED INFECTIONS
L. C. Turner, F. Bryden, J. N. Hay, M. G. Francesconi, T. K. Georgiou, R. W. Boyle
- P22** PERFECT STEREOCONTROL OF PHOTOCYCLODIMERIZATION OF 2-ANTHRACENECARBOXYLATE TETHERED TO GLUCOSE SCAFFOLD
Gaku Fukuhara, Kazuhiro Iida, Cheng Yang, Tadashi Mori, and Yoshihisa Inoue
- P23** A FIRST STEP TOWARDS LIGHT HARVESTING NANOANTENNE BASED ON DYE- SILICA NANOCONJUGATES
A. Dhir, A. Datta
- P24** PROVITAMIN D PHOTOCHEMISTRY IN MESOSCOPIC AND ISOTROPIC PHASES OF NEMATIC AND CHOLESTERIC LIQUID CRYSTALS
Tetiana N. Orlova, Irina P. Terenetskaya, Pavel S. Kapinos
- P25** AN INVESTIGATION OF THE PHOTOSTABILIZING POTENTIAL OF PLANT EXTRACTS ON SUNSCREEN ABSORBERS IN SKIN-LIGHTENING PRODUCTS
Moses A. Ollengo, Bice S. Martincigh
- P26** PHOTO-INDUCED ELECTRON TRANSFER BETWEEN AN Ir(III) COMPLEX AND A BIOLOGICAL TARGET : HOW TO VISUALIZE THE RADICALS ?
Cédric Lentz, Luca Fusaro, Michel Luhmer, Benjamin Elias
- P27** PHOTOOXIDATION OF As(III) IN PRESENCE OF Fe(III) IONS: A LASER FLASH PHOTOLYSIS STUDY
Ivan P. Pozndnyakov, Long Chen, Jing Xu, Feng Wu, Vyacheslav P. Grivin, Victor F. Plyusnin
- P28** EXCITATION WAVELENGTH DEPENDENT PHOTOLUMINESCENCE OF DECAMERIC ORGANIC NANOPARTICLES
Chih-Wei Chang
- P29** DEVELOPMENT OF TWO NOVEL CHEMIOSELECTIVE PHOTOCATALYSTS BASED ON IRIIDIUM (III) COMPLEXES
Christophe Rubay, Alexandre Jacques, Benjamin Elias
- P30** SPECTROSCOPYCAL STUDY OF BACTERIOPURPURINIMIDE–NAPHTHALIMIDE CONJUGATES FOR FLUORESCENT DIAGNOSTICS AND PHOTODYNAMIC THERAPY
Pavel A. Panchenko, Antonina N. Sergeeva, Olga A. Fedorova, Yuri V. Fedorov, Roman I. Reshetnikov, Anastasiya E. Schelkunova, Mikhail A. Grin, Andrey F. Mironov, Gediminas Jonusauskas
- P31** PLANARIZABLE AND POLARIZABLE MEMBRANE PROBES
Saeideh Soleimanpour, Marta Dal Molin, David Alonso Doval, Quentin Verolet, Naomi Sakai, Stefan Matile

- P32** INTERACTION BETWEEN FINGOLIMOD HYDROCHLORIDE (FTY720) AND THE SERUM BLOOD PROTEIN HSA
Jitendriya Swain, Indrapal Singh Aidhen and Ashok Kumar Mishra
- P33** PHOTOPATTERNING OF A SUPRAMOLECULAR HYDROGEL USING A LIGHT TRIGGERED CATALYST
Chandan Maity, Wouter E. Hendriksen, Jan H. van Esch, Rienk Eelkema
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