

JULY 24 MON

ROOM A	ROOM B	ROOM C	ROOM D
<p>Chair : Hiroshi Miyasaka and Trevor Smith</p> <p>9:00 AM - 9:45 AM [PL03] Symmetry, disorder and the excited-state dynamics of multipolar conjugated molecules *Eric Vauthey¹ (1. Univ. of Genev (Sweden))</p> <p>Chair : Hiroshi Miyasaka and Trevor Smith</p> <p>9:45 AM - 10:30 AM [PL04] Bridge between Ultrafast Dynamics and Ultrahigh-Resolution Spectroscopy of Atoms and Molecules *Kaoru Yamanouchi¹ (1. Univ. of Tokyo (Japan))</p>			
BREAK		BREAK	
<p>Chair : Miki Hasegawa</p> <p>11:00 AM - 11:25 AM [S1-01-KL] Downconversion and upconversion in Ln^{III} ion complexes *Ana de Bettencourt-Dias¹ (1. Univ. of Nevada, Reno (USA))</p> <p>Chair : Miki Hasegawa</p> <p>11:25 AM - 11:40 AM [S1-02-CL] Synthesis and characterization of new luminescent iron complexes decorated with organic moieties *Fausto Puntoriero¹, Salvatore Genovese^{1,2}, Ambra M. Cancelliere¹, Sebastiano Campagna¹ (1. Univ. Messina (Italy), 2. Univ. Perugia (Italy))</p> <p>Chair : Miki Hasegawa</p> <p>11:40 AM - 11:55 AM [S1-03-CL] Magnetic field effects on triplet paris in organic crystals *Tomoaki Yago¹ (1. Saitama Univ. (Japan))</p>	<p>Chair : Yutaka Nagasawa</p> <p>11:00 AM - 11:15 AM [S2-01-CL] Excited State Deactivation via Solvent to Chromophore Proton Transfer in Isolated 1:1 Molecular Complex: Experimental Validation by Measuring the Energy Barrier and Kinetic Isotope Effect *Ramesh Jarupula¹, Saurabh Khodia¹, Shabeeb Md. ¹, Simran Baweja¹, Bhavika Kalal¹, Surajit Maity*¹ (1. Indian Institute of Technology Hyderabad (India))</p> <p>Chair : Yutaka Nagasawa</p> <p>11:15 AM - 11:30 AM [S2-02-CL] Exciton Relaxation Dynamics of Copper Phthalocyanine Single Nanocrystal Revealed by Femtosecond Pump-Probe Microspectroscopy *Yukihide Ishibashi¹, Yuto Shiraishi¹, Ryo Kihara¹, Tusyoshi Asahi¹ (1. Ehime Univ. (Japan))</p> <p>Chair : Yutaka Nagasawa</p> <p>11:30 AM - 11:45 AM [S2-03-CL] Cancelled</p>	<p>Chair : Hiang Kwee Lee</p> <p>11:00 AM - 11:15 AM [S3-01-CL] Self-assembled Porous Organic Crystals with Multi-responsive Properties *Vonika Ka-Man Au¹ (1. The Education Univ. of Hong Kong (Hong Kong))</p> <p>Chair : Hiang Kwee Lee</p> <p>11:15 AM - 11:30 AM [S3-02-CL] Photodoped ultra small Titanium dioxide nanoparticles and their applications *Raivis Eglitis¹, Andris Šutka¹ (1. Riga Technical Univ. (Latvia))</p> <p>Chair : Hiang Kwee Lee</p> <p>11:30 AM - 11:55 AM [S3-03-KL] CdSe Nanocrystals - Spectroelectrochemistry and Hydrostatic Pressure Effects *Paul Mulvaney¹ (1. Univ. of Melbourne (Australia))</p>	<p>Chair : Nobuhiro Ohta</p> <p>11:00 AM - 11:15 AM [S4-01-CL] cancelled</p> <p>Chair : Nobuhiro Ohta</p> <p>11:15 AM - 11:30 AM [S4-02-CL] Fluorescent probe molecules that "store" singlet oxygen detection *Yuta Takano¹, Devika Sasikumar¹, Hanjun Zhao¹, Yukiko Miyatake¹, Vasudevan pillai Biju¹ (1. Hokkaido Univ. (Japan))</p> <p>Chair : Nobuhiro Ohta</p> <p>11:30 AM - 11:45 AM [S4-03-CL] Single molecule study of electron transfer through DNA *Kiyohiko Kawai¹, Atsushi Maruyama¹, Mamoru Fujitsuka² (1. Tokyo Institute of Technology (Japan), 2. Osaka Univ. (Japan))</p>

JULY 24 MON

ROOM A	ROOM B	ROOM C	ROOM D
<p>Chair : Miki Hasegawa</p> <p>11:55 AM - 12:10 PM [S1-04-CL] Visible-to-UV photon upconversion: new chromophores and applications *Nobuhiro Yanai¹ (1. Kyushu Univ. (Japan))</p>	<p>Chair : Yutaka Nagasawa</p> <p>11:45 AM - 12:00 PM [S2-04-CL] Deciphering Hidden Charge Carrier Dynamics in Perovskite Thin Films by fs-Microscopy *Jooyoung Sung¹ (1. DGIST (Korea))</p>		<p>11:45 AM - 12:00 PM [S4-04-CL] Presentation schedule has been changed</p>
LUNCH BREAK		LUNCH BREAK	
<p>Chair : Youngmin You and Trevor Smith</p> <p>1:30 PM - 1:50 PM [S1-05-IL] Delayed Fluorescence from Inverted Singlet and Triplet Excited States *Naoya Aizawa¹ (1. Osaka Univ. (Japan))</p>	<p>Chair : Mahesh Hariharan and Akira Yamakata</p> <p>1:30 PM - 1:50 PM [S2-05-IL] Charge Carrier Dynamics in Perovskite Nanocrystals *Anunay Samanta¹ (1. Univ. of Hyderabad (India))</p>	<p>Chair : Paul Mulvaney and Hiromi Okamoto</p> <p>1:30 PM - 1:50 PM [S3-04-IL] Cancelled</p>	<p>Chair : Tomoko Inose and Mikako Ogawa</p> <p>1:30 PM - 1:50 PM [S4-05-IL] Cancer specific cell death induced by nanosecond pulsed electric field: A possible key mechanism in cell-competition and photodynamic action *Nobuhiro Ohta¹ (1. National Yang Ming Chiao Tung Univ. (Taiwan))</p>
<p>Chair : Youngmin You and Trevor Smith</p> <p>1:50 PM - 2:05 PM [S1-06-CL] Role of pre-associated ion-pairs in NIR radical photopolymerization Juniy Zhou¹, Lena Pitzer², *Christian LEY¹, Thomas Roelle², Xavier Allonas¹ (1. Univ. of Haute Alsace - LPIM (France), 2. Covestro Deutschland AG (Germany))</p>	<p>Chair : Mahesh Hariharan and Akira Yamakata</p> <p>1:50 PM - 2:05 PM [S2-06-CL] Fast Swimmers: Ultrafast Dynamics in Third Generation Photo-molecular Motors *Stephen Meech¹, Palas Roy¹, Wesley Browne², Ben Feringa² (1. Univ. of East Anglia (UK), 2. Univ. of Groningen (Netherlands))</p>	<p>Chair : Paul Mulvaney and Hiromi Okamoto</p> <p>1:50 PM - 2:05 PM [S3-05-CL] Tailoring Charge Carrier Mobility by Interaction with Confined Light *Kuljeet Kaur¹, Pooja Bhatt¹, Ben Johns¹, Jino George¹ (1. IISER Mohali, Punjab (India))</p>	<p>Chair : Tomoko Inose and Mikako Ogawa</p> <p>1:50 PM - 2:05 PM [S4-06-CL] Charge transfer reactions in sub-50 fs timescales promote the photoprotection mechanism in eumelanin-like materials *Vasilis Petropoulos¹, Alexandra Mavridi Printezi², Arianna Menichetti², Piotr Kabacinski¹, Nathan G. Gianneschi³, Marco Montalti², Margherita Maiuri¹, Giulio Cerullo¹ (1. Politecnico di Milano, (Italy), 2. Univ. of Bologna (Italy), 3. Northwestern Univ. (USA))</p>
<p>Chair : Youngmin You and Trevor Smith</p> <p>2:05 PM - 2:20 PM [S1-07-CL] Power law decay with the exponent between -1/2 and -1 in the delayed fluorescence by triplet-triplet annihilation in solids *Kazuhiko Seki¹, Tomoaki Miura², Tadaaki Ikoma² (1. National Institute of Advanced Industrial Science and Technology (Japan), 2. Niigata Univ. (Japan))</p>	<p>Chair : Mahesh Hariharan and Akira Yamakata</p> <p>2:05 PM - 2:20 PM [S2-07-CL] Ultrafast Excited State Dynamics of <i>trans-cis</i> Photoisomerization of Indigo Derivatives *Yutaka Nagasawa¹, Takayuki Murai¹, Yu Kihara¹, Takahiro Teramoto² (1. Ritsumeikan Univ. (Japan), 2. Osaka Univ. (Japan))</p>	<p>Chair : Paul Mulvaney and Hiromi Okamoto</p> <p>2:05 PM - 2:20 PM [S3-06-CL] High-Porosity Hybrid Bilayer Enabled visible- LED- driven Plasmonic Biosensing *Kuna-Jiuh Lin¹ (1. National Chung Hsing Univ. (Taiwan))</p>	<p>Chair : Tomoko Inose and Mikako Ogawa</p> <p>2:05 PM - 2:20 PM [S4-07-CL] Optical manipulation of cellular functions in neuronal networks using a focused laser beam *Chie Hosokawa¹, Tatsunori Kishimoto², Wataru Minoshima³, Kyoko Masui¹ (1. Osaka Metropolitan Univ. (Japan), 2. Toyohashi Univ. of Technology (Japan), 3. NICT (Japan))</p>

JULY 24 MON

ROOM A

Chair : Youngmin You and Trevor Smith

2:20 PM - 2:35 PM

[S1-08-CL] Peculiarities of the Kinetics of Photoreduction of Benzophenone
*Attila Demeter¹, György Lendvai¹ (1. Institute of Materials and Environmental Chemistry, Research Centre for Natural Sciences (Hungary))

Chair : Youngmin You and Trevor Smith

2:35 PM - 2:50 PM

[S1-09-CL] Luminescence properties of TiO₂ photocatalysts
*Ryuzi Katoh¹, Kazunari Takahashi¹ (1. Nihon Univ. (Japan))

Chair : Youngmin You and Trevor Smith

2:50 PM - 3:05 PM

[S1-10-CL] Photopolymerizable Coronene Derivatives Carrying Diacetylenic Side Chains: Synthesis, Face-on/Edge-on Alignment Control on Solid Substrates, and Application in Organic Electronics
*Hsiu-Hui Chen¹, Yu-Tai Tao² (1. National Taipei Univ. of Technology (Taiwan), 2. Academia Sinica (Taiwan))

Chair : Youngmin You and Trevor Smith

3:05 PM - 3:20 PM

[S1-11-CL] Structures and Optical Properties of Halide Perovskite Assemblies
*Takuya Okamoto¹, Vasudevanpillai Biju¹ (1. Hokkaido Univ. (Japan))

ROOM B

Chair : Mahesh Hariharan and Akira Yamakata

2:20 PM - 2:40 PM

[S2-08-IL] Singlet-Fission Dynamics of Tetracene and Pentacene Oligomers Elucidated by Ultrafast Time-Resolved Optical Spectroscopy
*Dongho Kim¹ (1. Yonsei Univ. (Korea))

Chair : Mahesh Hariharan and Akira Yamakata

2:40 PM - 2:55 PM

[S2-09-CL] Optical manipulation by using optical force due to transient absorption of molecules
*Syoji Ito^{1,2}, Takato Mizoguchi¹, Masato Mori¹, Masafumi Koga¹, Hikaru Sotome¹, Hiroshi Miyasaka¹ (1. Osaka Univ. (Japan), 2. Osaka Metropolitan Univ. (Japan))

Chair : Mahesh Hariharan and Akira Yamakata

2:55 PM - 3:10 PM

[S2-10-CL] Sensitivity of core-to-core x-ray emission spectroscopy to coherent structural dynamics in iron photosensitizer
Morgane Vacher¹, Johanna Rogvall², Roshan Singh³, *Marcus Lundberg² (1. Nantes Univ. (France), 2. Uppsala Univ. (Sweden), 3. Univ. of Oxford (UK))

Chair : Mahesh Hariharan and Akira Yamakata

3:10 PM - 3:30 PM

[S2-11-IL] Femtosecond Dynamics of Charge Transfer between Plasmonic Metal and Semiconductor Nanostructures
*Akihiro Furube¹, Yuto Tsurusaki¹, Kei Saika¹, Masaki Murase¹, Pankaj Koinkar¹, Tetsuro Katayama¹ (1. Tokushima Univ. (Japan))

ROOM C

Chair : Paul Mulvaney and Hiromi Okamoto

2:20 PM - 2:40 PM

[S3-07-IL] Chiro-optical effects of plasmonic materials: Microscopic imaging and chiral near-field interaction with molecules
*Hiromi Okamoto¹ (1. Institute for Molecular Science (Japan))

Chair : Paul Mulvaney and Hiromi Okamoto

2:40 PM - 2:55 PM

[S3-08-CL] Super Chiral Field on an Achiral Gold Nanostructure
*Tomoya Oshikiri^{1,2}, Hiromasa Niinomi¹, Masaru Nakagawa¹, Hiroaki Misawa^{2,3} (1. Tohoku Univ. (Japan), 2. Hokkaido Univ. (Japan), 3. National Yang Ming Chiao Tung Univ. (Taiwan))

Chair : Paul Mulvaney and Hiromi Okamoto

2:55 PM - 3:10 PM

[S3-09-CL] Plasmonic trapping-induced enantioselective crystallization of organic compounds with metal nanostructures
*An-Chieh Cheng¹, Teruki Sugiyama^{2,3}, Keiji Sasaki¹ (1. Hokkaido Univ. (Japan), 2. Department of Applied Chemistry and Center for Emergent Functional Matter Science, National Yang Ming Chiao Tung Univ. (Taiwan), 3. Division of Materials Science, Graduate School of Science and Technology (Japan))

Chair : Paul Mulvaney and Hiromi Okamoto

3:10 PM - 3:30 PM

[S3-10-IL] Development of visible-to-near infrared plasmonic nanomaterials by element substitution reactions
*Toshiharu Teranishi¹ (1. Kyoto Univ. (Japan))

ROOM D

Chair : Tomoko Inose and Mikako Ogawa

2:20 PM - 2:40 PM

[S4-08-IL] Spatiotemporally controlled fabrication of protein amyloid fibers using optical trapping
*Teruki Sugiyama^{1,2}, Shun Hirota² (1. National Yang Ming Chiao Tung Univ. (Taiwan), 2. NAIST (Japan))

Chair : Tomoko Inose and Mikako Ogawa

2:40 PM - 2:55 PM

[S4-09-CL] Elucidating pH-dependent excited-state dynamics leading to large Stokes shift in red fluorescent protein mBeRFP
*Garima Bhutani¹, Archit Gupta², Sasthi Paul¹, Sakshi Chawla¹, Purnananda Guptasarma², Arijit Kumar De¹ (1. Department of Chemical Sciences, Indian Institute of Science Education And Research, Mohali (India), 2. Department of Biological Sciences, Indian Institute of Science Education And Research, Mohali (India))

Chair : Tomoko Inose and Mikako Ogawa

2:55 PM - 3:10 PM

[S4-10-CL] Ultrafast Energy Transfer within Bio-inspired Light-Harvesting Supramolecular Assemblies of Chlorophyll a and Astaxanthin
*Sakshi Chawla¹, Arijit Kumar De¹ (1. Department of Chemical Sciences, Indian Institute of Science Education and Research Mohali (India))

Chair : Tomoko Inose and Mikako Ogawa

3:10 PM - 3:30 PM

[S4-11-IL] Mechanistic study on the firefly bioluminescence reaction based on photochemistry
*Takashi Hirano¹ (1. The Univ. of Electro-Communications (Japan))

JULY 24 MON

ROOM A	ROOM B	ROOM C	ROOM D
BREAK		BREAK	
<p>Chair : Youngmin You and Trevor Smith</p> <p>3:20 PM - 3:40 PM [S1-12-IL] Primary processes induced in four-stranded DNA structures by absorption of UV radiation: toward optoelectronic devices? *Dimitra Markovitsi¹ (1. CNRS (France))</p>	<p>Chair : Stephen Meech and Yukihide Ishibashi</p> <p>4:00 PM - 4:25 PM [S2-12-KL] Deciphering the Ultrafast Charge Separation, Phenyl Rings Rotation and C=C Bond Twisting in a New Tetraphenylethylene Derivative *Abderrazzak Douhal¹, Mario de la HOZ¹, Mao Yamaguchi², Boyko Cohen¹, Ichiro Hisaki² (1. Unversidad de Castilla la Mancha (Spain), 2. Osaka Univ. (Japan))</p>	<p>Chair : Toshiharu Teranishi and Daniel Gomez</p> <p>4:00 PM - 4:20 PM [S3-11-IL] Optimal Geometry for Plasmonic Hot-Carrier Extraction in Metal–Semiconductor Nanocrystals *Daniel Gomez¹ (1. RMIT Univ. (Australia))</p>	<p>Chair : Takashi Hirano and Teruki Sugiyama</p> <p>4:00 PM - 4:15 PM [S4-12-CL] Protection and Release of Small Molecules via Chemiluminescent Protection Groups (CLPGs) *Tim Lippold¹, Axel Griesbeck¹ (1. Univ. of Cologne (Germany))</p>
<p>Chair : Ryuzi Katoh and Dimitra Markovitsi</p> <p>4:20 PM - 4:35 PM [S1-14-CL] Enhanced S₂ Fluorescence of Metalloporphyrin on Surface of Silicate Nanosheet *Takuya Fujimura¹, Maina Nashimoto¹, Toui Tanaka¹, Tomoya Serizawa², Yoichi Kobayashi², Ryo Sasai¹ (1. Shimane Univ. (Japan), 2. Ritsumeikan Univ. (Japan))</p>	<p>Chair : Stephen Meech and Yukihide Ishibashi</p> <p>4:25 PM - 4:40 PM [S2-13-CL] Ultrafast Charge Carrier Dynamics on Powder Photocatalysts *Akira Yamakata¹, Kosaku Kato¹ (1. Okayama Univ. (Japan))</p>	<p>Chair : Toshiharu Teranishi and Daniel Gomez</p> <p>4:20 PM - 4:35 PM [S3-12-CL] Pseudo-correlation clustering identifies a specific characteristic time of fluorescence blinking in high-quality semiconductor films *Boris Louis^{1,2}, Sudipta Seth^{1,2}, Johan Hofkens^{1,5}, Yana Vaynzof³, Qingzhi An³, Pavel Frantsuzov⁴, Ivan G. Scheblykin² (1. KU Leuven (Belgium), 2. Lund Univ. (Sweden), 3. TU Dresden(Germany), 4. SB RAS (Russia), 5. Max Planck Institute for Polymer Research(Germany))</p>	<p>Chair : Takashi Hirano and Teruki Sugiyama</p> <p>4:15 PM - 4:30 PM [S4-13-CL] Long-term cytotoxic polymetallic ruthenium (II) photosensitisers as phototherapeutic anticancer agents *Gregory Smith¹, Athi Welsh¹, Tebello Nyokong, Sharon Prince¹ (1. Univ. of Cape Town (South Africa))</p>
<p>Chair : Ryuzi Katoh and Dimitra Markovitsi</p> <p>4:35 PM - 4:50 PM [S1-15-CL] Robust excited-state engineering through aggregate formation in donor-π-acceptor systems consisting of carbazole donor-unit *Hubert Marek Piwonski¹, Shuho Nozue¹, Nirmal Kumar Das¹, Tsuyoshi Michinobu², Satoshi Habuchi¹ (1. King Abdullah Univ. of Science and Technology (KAUST) (Saudi Arabia), 2. Tokyo Institute of Technology (Japan))</p>	<p>Chair : Stephen Meech and Yukihide Ishibashi</p> <p>4:40 PM - 4:55 PM [S2-14-CL] Active Role of Symmetry Breaking Revealed by Coherent Vibrational Spectroscopy *JunWoo Kim¹ (1. Chungbuk National Univ. (Korea))</p>	<p>Chair : Toshiharu Teranishi and Daniel Gomez</p> <p>4:35 PM - 4:50 PM [S3-13-CL] Improved water splitting efficiency of Au-NPs-loaded gallium oxide under modal strong coupling conditions *Xu SHI¹, Yaguang Wang¹, Tomoya Oshikiri², Hiroaki Misawa¹ (1. Hokkaido Univ. (Japan), 2. Tohoku Univ. (Japan))</p>	<p>Chair : Takashi Hirano and Teruki Sugiyama</p> <p>4:30 PM - 4:55 PM [S4-14-KL] Targeted cancer therapy using photochemical reactions *Mikako Ogawa¹ (1. Hokkaido Univ. (Japan))</p>

JULY 24 MON

ROOM A

Chair : Ryuzi Katoh and Dimitra Markovitsi

4:50 PM - 5:05 PM

[S1-16-CL] UV light generation and challenging photoreactions enabled by photon upconversion
*Christoph Kerzig¹ (1. Department of Chemistry, Johannes Gutenberg Univ. Mainz (Germany))

Chair : Ryuzi Katoh and Dimitra Markovitsi

5:05 PM - 5:25 PM

[S1-17-IL] Triplet Quantum Chain Reactions in Crystalline Dewar Benzenes
Indrajit Paul¹, *Miguel A Garcia-Garibay¹ (1. Univ. of California, Los Angeles (USA))

Chair : Ryuzi Katoh and Dimitra Markovitsi

5:25 PM - 5:40 PM

[S1-18-CL] Highly Efficient and Strong Photoluminescence of an Eu(III) Complex in a Host-guest film by Triplet Sensitization
*Shiori Miyazaki¹, Kiyoshi Miyata¹, Kenichi Goushi², Yuichi Kitagawa^{3,4}, Yasuchika Hasegawa^{3,4}, Chihaya Adachi², Ken Onda¹ (1. Kyushu Univ. (Japan), 2. OPERA, Kyushu Univ. (Japan), 3. Hokkaido Univ. (Japan), 4. WPI-ICReDD, Hokkaido Univ. (Japan))

ROOM B

Chair : Stephen Meech and Yukihide Ishibashi

4:55 PM - 5:10 PM

[S2-15-CL] Observation of Franz-Keldysh modulation in a CH₃NH₃PbBr₃ crystal by femtosecond transient absorption microscopy
*Tetsuro Katayama¹, Yuichi Ikura¹, Yuma Fujita¹, Akihiro Furube¹ (1. Tokushima Univ. (Japan))

Chair : Stephen Meech and Yukihide Ishibashi

5:10 PM - 5:25 PM

[S2-16-CL] Heterogeneous Singlet Fission in a Covalently Linked Pentacene Dimer: From Triplet Pair Formation to its Dissociation
*Woojae Kim¹, Naitik A. Panjwani², K. C. Krishnapriya³, Kanad Majumder³, Jyotishman Dasgupta⁴, Robert Bittl², Satish Patil³, Andrew J. Musser⁵ (1. Yonsei Univ. (Korea), 2. Freie Universität Berlin (Germany), 3. Indian Institute of Science (India), 4. Tata Institute of Fundamental Research (India), 5. Cornell Univ. (USA))

Chair : Stephen Meech and Yukihide Ishibashi

5:25 PM - 5:40 PM

[S2-17-CL] Elementary Exciton Processes of InP-based Core/Shell Quantum Dots Under Ultrahigh Pressure
*Daichi Eguchi¹, Naoto Tamai¹ (1. Kwansei Gakuin Univ. (Japan))

ROOM C

Chair : Toshiharu Teranishi and Daniel Gomez

4:50 PM - 5:05 PM

[S3-14-CL] Exploring nanostructure-assisted optical tweezers toward mechano-bactericidal activity analysis
*Tatsuya Shoji¹, Masashi Yoshida¹, Mayu Morimoto¹ (1. Kanagawa Univ. (Japan))

Chair : Toshiharu Teranishi and Daniel Gomez

5:05 PM - 5:25 PM

[S3-15-IL] A trivial pursuit in elucidating photocatalytic reaction mechanisms
Dario Bassani¹ (1. Univ. of Bordeaux (France))

Chair : Toshiharu Teranishi and Daniel Gomez

5:25 PM - 5:40 PM

[S3-16-CL] Modification of Ionic Conductivity of Aqueous Electrolytes by Vibrational Strong Coupling of Water
*Tomohiro Fukushima¹, Soushi Yoshimitsu¹, Daiki Ashizawa¹, Kei Murakoshi¹ (1. Hokkaido Univ. (Japan))

ROOM D

Chair : Takashi Hirano and Teruki Sugiyama

4:55 PM - 5:10 PM

[S4-15-CL] Photo-sensitive NO release plasmon nanowire probe toward a novel platform of intracellular material delivery systems
*Tomoko Inose^{1,2}, Javier Troyano¹, Qiang Zhang³, Shun Tokuda¹, Daisuke Yamaguchi³, Beatrice Fortuni⁴, Kenji Hirai³, Eli Sanchez-Gonzales¹, Hiroshi Uji-i^{3,4,1}, Shuhei Furukawa¹ (1. Kyoto Univ. (Japan), 2. JST-PRESTO (Japan), 3. Hokkaido Univ. (Japan), 4. KU Leuven (Belgium))

Chair : Takashi Hirano and Teruki Sugiyama

5:10 PM - 5:25 PM

[S4-16-CL] (Time-Resolved) Spectroscopy Reveals Sequence-Dependent Interaction of Amotosalen with DNA
*Michelle Paulina Rademacher¹, Anna Theresa Ott¹, Wiebke Haselbach¹, Peter Gilch¹ (1. Heinrich Heine Univ. Duesseldorf (Germany))

Chair : Takashi Hirano and Teruki Sugiyama

5:25 PM - 5:40 PM

[S4-17-CL] Ultrafast Excited State Dynamics of Archae-Rhodopsin 3 and Its Mutants
Krystyna Herasymenko¹, Bogdan Marekha², Masae Konno-Inoue^{3,4}, Keichi Inoue³, *Stefan Haacke¹ (1. Univ. of Strasbourg - CNRS (France), 2. École Normale Supérieure de Lyon (France), 3. The Institute for Solid State Physics, Univ. of Tokyo (Japan), 4. PRESTO, Japan Science and Technology Agency (Japan))

JULY 24 MON

ROOM A

Chair : Ryuzi Katoh and Dimitra Markovitsi

5:40 PM - 5:55 PM

[S1-19-CL] Evidence of ultrafast intersystem crossing in Pt(TPBP) confirmed by near infrared transient spectroscopy

*Chiaki Takahashi¹, Mari Ichimura¹, Akira Takakado², Koichi Iwata² (1. Sony Semiconductor Solutions Corporation (Japan), 2. Gakushuin Univ. (Japan))

Chair : Ryuzi Katoh and Dimitra Markovitsi

5:55 PM - 6:10 PM

[S1-20-CL] Benzimidazolines (BIHs) for Visible-Light-Driven Functionalization of Unactivated Alkenes

*Yutaka Saga¹, Taito Watanabe¹, Yusuke Nakayama¹, Mio Kondo^{1,2}, Shigeyuki Masaoka¹ (1. Osaka Univ. (Japan), 2. JST PRESTO (Japan))

Chair : Ryuzi Katoh and Dimitra Markovitsi

6:10 PM - 6:30 PM

[S1-21-IL] Helical Assemblies of Square-Planar Pt (II) Complexes Produce Strong Circularly Polarized Luminescence

*Youngmin You¹ (1. Yonsei Univ. (Korea))

ROOM B

5:40 PM - 5:55 PM

[S2-18-CL] Cancelled

Chair : Stephen Meech and Yukihide Ishibashi

5:55 PM - 6:15 PM

[S2-19-IL] Greek Cross (+) Aggregate

*Mahesh Hariharan¹ (1. Indian Institute of Science Education and Research Thiruvananthapuram (India))

ROOM C

Chair : Toshiharu Teranishi and Daniel Gomez

5:40 PM - 5:55 PM

[S3-17-CL] Laser-induced hydrothermal synthesis of vanadium dioxide on gold thin films and nanostructures

*Christophe Pin¹, Hideki Fujiwara², Keiji Sasaki¹ (1. RIES, Hokkaido Univ. (Japan), 2. Hokkai-Gakuen Univ. (Japan))

Chair : Toshiharu Teranishi and Daniel Gomez

5:55 PM - 6:10 PM

[S3-18-CL] Supramolecular Regioselective Photocyclodimerization of 2-Anthracenecarboxylate in Confined Cavities of Organic-Silica Nanoribbons

*Wijak Yospanya^{1,2,3}, Masaki Nishijima³, Yasuyuki Araki³, Emilie Pouget², Thierry Buffeteau⁴, Reiko Oda^{1,2}, Takehiko Wada³ (1. AIMR, Tohoku Univ. (Japan), 2. CBMN, Univ. Bordeaux (France), 3. IMRAM, Tohoku Univ. (Japan), 4. ISM, Univ. Bordeaux (France))

Chair : Toshiharu Teranishi and Daniel Gomez

6:10 PM - 6:30 PM

[S3-19-IL] Visualization and selective excitation of plasmon modes in two-dimensional metal nanoplates studied by near-field and non-linear optical microscopy

*Kohei Imura¹ (1. Waseda Univ. (Japan))

ROOM D

Chair : Takashi Hirano and Teruki Sugiyama

5:40 PM - 5:55 PM

[S4-18-CL] Biocompatible and Photostable Photoacoustic Nanoparticulate Contrast Agents Based on Bodipy-Scaffold and Polylactide Polymers: Synthesis, Formulation and in vivo Evaluation

*Rachel Méallet¹, Jean-Baptiste Bodin¹, Jérôme Gateau³, Gilles Clavier⁴, Nicolas Tsapis² (1. Université Paris-Saclay, CNRS, Institut des Sciences Moléculaires d'Orsay(France), 2. Université Paris-Saclay, CNRS, Institut Galien Paris-Saclay(France), 3. Sorbonne Université, CNRS, INSERM, Laboratoire d'Imagerie Biomédicale, (France), 4. Université Paris-Saclay, ENS Paris-Saclay, CNRS (France))

Chair : Takashi Hirano and Teruki Sugiyama

5:55 PM - 6:10 PM

[S4-19-CL] Plasma treatment for titanium surface to promote osseointegration in alveolar bone

*Ji Suk Shim¹ (1. Department of Medicine, Korea Univ. (Korea))

Chair : Takashi Hirano and Teruki Sugiyama

6:10 PM - 6:30 PM

[S4-20-IL] Multi-target biosensor with a plasmonic chip promoting a photochemical reaction and providing the enhanced fluorescence

*Keiko Tawa¹, Shohei Horio¹, Koji Mizutani¹, Hirobumi Sunayama², Toshifumi Takeuchi² (1. Kwansai Gakuin Univ. (Japan), 2. Kobe Univ. (Japan))