

Thursday, September 12 (AM)

	Room A	Room B	Room C
8:40	2A01 Charge Transfer Absorption Band of Ion Pairs Composed of Cation and Anion of Alkylpyridinium Based Ionic Liquids (Tokyo Tech) <u>KAWAI, Akio</u> ; OGURA, Takahiro; SHIBUYA, Kazuhiko	2B01 Influence of Structures and Properation of Titanium(IV) Oxide Photocatalysts on their Activities for Oxygen Liberation in the Presence of Iron(III) Ions (Hokkaido Univ.) <u>TAKASE, Mai</u> ; TAKEUCHI, Shugo; MATSUI, Kazuki; OHTANI, Bunsho	2C01 Piezo/Mechanochromic Luminescence of Pyrene Derivatives - Molecular Packing Mode and Luminescence Response Property (Univ. of Tokyo) <u>MUTAI, Toshiki</u> ; YAMAGUCHI, Shingo; SASE, Mitsutaka; ARAKI, Koji
9:00	2A02 Influences of Acid on Molecular Forms of Fluorescein and Photoinduced Electron Transfer in Fluorescein-Dispersing Sol-Gel Titania Films (Shinshu Univ., Nagano Pref. Inst. Tech.) <u>NISHIKIORI, Hiromasa</u> ; RUDIAGUS, Setiawan; MIYASHITA, Kyohei; TANAKA, Nobuaki; FUJII, Tsuneo	2B02 Photocatalytic Hydrogenation of Multiple Bond over Metal Loaded Titanium(IV) Oxide (Kinki Univ.) <u>IMAMURA, Kazuya</u> ; YOSHIKAWA, Takayuki; NAKANISHI, Kosuke; HASHIMOTO, Keiji; KOMINAMI, Hiroshi	2C02 Crystal Structures and Photoproperties of Cyano-Substituted Diphenylhexatrienes (AIST) <u>SONODA, Yoriko</u> ; AZUMI, Reiko; GOTO, Midori
9:20	2A03 Fabrication and Photoinduced Electron Transfer of Tetra- <i>t</i> -Butyl Zinc Phthalocyanine-Peroxocitratotitanate-Alkylviologen Hybrid Langmuir-Blodgett Film (Shinshu Univ.) <u>USAMI, Hisanao</u> ; SASAKI, Satoshi	2B03 Hydrogen Evolution Using Supramolecular Photosensitizing System Based on Single-Walled Carbon Nanotube and Fullerodendron (Okayama Univ.) <u>SASADA, Yukari</u> ; TAJIMA, Tomoyuki; NISHI, Masayasu; OHKUBO, Takahiro; UCHIDA, Tetsuya; TAKAGUCHI, Yutaka	2C03 Controlled Aggregation of Naphthalene Diimide Derivatives using Lewis Pairs as Bulky Substituents and its Supramolecular Composites for Solid-State Emissive Materials (Kyushu Univ.) <u>ONO, Toshikazu</u> ; HISAEDA, Yoshio
9:40	2A04 Charge and Ion Dynamics in Dye/Quantum Dot Sensitized Solar Cells (Chuo Univ., Electrocommun. Univ.) <u>KATAYAMA, Kenji</u> ; KUWAHARA, Shota; QING, Shen; TOYODA, Taro	2B04 Selective CO ₂ Photoreduction Conjugated with H ₂ O Oxidation Utilizing Semiconductor/Metal-Complex Hybrid Photocatalyst with SrTiO ₃ Photocatalyst (Toyota Central R&D Labs. Inc.) <u>SATO, Shunsuke</u> ; ARAI, Takeo; KAJINO, Tsutomu; MORIKAWA, Takeshi	2C04 Red Light Emission Found in Aggregation of Water-Soluble Donor-Acceptor Dyes (Kurume National College Technology) <u>ISHI-I, Tsutomu</u> ; KITAHARA, Ikumi
10:00	2A05 Theoretical Study for Charge Carrier Dynamics in the Photocatalyst (Univ. of Tokyo, AIST, ARP Chem) <u>SUZUKI, Yohichi</u> ; SEKI, Kazuhiko; SINGH, Rupashree; FURUBE, Akihiro; YAMADA, Taro; DOMEN, Kazunari	2B05 Adsorption and Photocatalytic Decomposition of Amino Acids and Peptides in TiO ₂ Photocatalytic Systems (Nagaoka Univ. Tech.) <u>NOSAKA, Atsuko</u> ; TANAKA, Goro; NOSAKA, Yoshio	2C05 Fluorescence Enhancement Property of Spatially-Fixed Fluorescent Chromophores via Naphthalene Linker Unit: Analysis with Kinetic Constants (Kyoto Univ.) <u>HIROSE, Takashi</u> ; TSUNOI, Yohei; MATSUDA, Kenji

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Room D	Room E	
	<u>Symposium 3</u> Recent advancements in photochemistry and spectroscopy related to biology 【Organizer】 KUMAZAKI, Shigeichi (Kyoto Univ.) <i>Chairperson : NAKATA, Munetaka (Tokyo Univ. of Agri.&Tech)</i>	8:40
	8:40- 9:07 "Time-lapse Observation of Cellular Differentiation by Spectral Imaging with near Infrared Pulsed and Continuous Wave Laser Excitation Modes " KUMAZAKI, Shigeichi (Kyoto Univ.) <i>Chairperson : KUMAZAKI, Shigeichi (Kyoto Univ.)</i>	9:00
	9:07- 9:34 "Delayed Fluorescence Spectra of Intact Leaves Photoexcited by Sunlight Measured with a Multichannel Fourier-Transform Chemiluminescence Spectrometer " NAKATA, Munetaka (Tokyo Univ. of Agri.&Tech) 9:34-10:01 "Novel Single-Molecule Techniques for the Study of Structure and Function Oflight-Harvesting Complexes of Green Photosynthetic Bacteria " VACHA, Martin (Tokyo Tech)	9:20
	10:06-10:33 "Spectro-microscopy Assessment of Zebrafish Models of Human Cardiovascular Diseases" LIAU, Ian (National Chiao Tung Univ.)	9:40
	10:33-11:00 "Water Molecules and Ions in Membrane Proteins Studied by FTIR Spectroscopy" FURUTANI, Yuji (IMS)	10:00

10:20	2A06 High Efficiency Wideband Dye-Sensitized Solar Cells with Spin-Management (Univ. of Tokyo) <u>KINOSHITA, Takumi</u> ; UCHIDA, Sastoshi; SEGAWA, Hiroshi	2B06 Recovery of Rare Metals from Simulated Solution of High-Level Radioactive Liquid Waste by Using TiO ₂ Nanoparticles (JAEA) <u>SAEKI, Morihisa</u> ; TOSHIMITSU, Masaaki; TAGUCHI, Tomitsugu; IWANADE, Akio; OHBA, Hironori	2C06 An “Excited State C-C Bond Cleavage-Emission” Mechanism: Double LFP Analysis of Benzophenone-Substituted Methylenecyclopropane (Osaka Pref. Univ.) <u>MATSUL, Yasunori</u> ; KAWAHARA, Daisuke; OHTA, Eisuke; IKEDA, Hiroshi
10:40	2A07 Theoretical Design of Highly Efficient Dye Molecules by First-Principles Calculations (Univ. of Tokyo, National Taiwan Univ.) <u>MISHIMA, Kenji</u> ; KINOSHITA, Takumi; HAYASHI, Michitoshi; SEGAWA, Hiroshi; YAMASHITA, Koichi	2B07 Photochemical Recovery of Rhenium from Water (Kanagawa Univ., AIST) <u>HORI, Hisao</u> ; YOSHIMURA, Yuta; MITSUMORI, Yuki; KUME, Kotomi; KUTSUNA, Shuzo; KOIKE, Kazuhide	2C07 Analytic Investigation of a Comparison Method for Intramolecular Excimer Formation efficiency with similar compounds and practice utilizing some 1,2-Diarylethane derivatives (Tokyo Tech) <u>SHIGETA, Masayuki</u> ; KANEKO, Takuma; KONISHI, Gen-ichi
11:10	11:10-11:35 Award Lecture I : Lectureship Award for Asian and Oceanian Photochemist Dr. HOBLEY, Jonathan (IMRE, Singapore) “Photochemistry, Imaging and Spectroscopy in Interfacial Monolayer Systems” 11:40-12:15 Award Lecture II : Honda-Fujishima Award Prof. MEYER, Thomas J. (University of North Carolina, USA) “Photoelectrochemical Water Splitting 50 Years After Honda-Fujishima” [Room A]		
12:15	Break (12:15-13:20)		
Thursday, September 12 (PM)			
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13:20	Poster Presentation 2P001 – 2P101 [Room P1, P2, P3, P4]		
15:00			
15:10	15:10-15:35 Award Lecture III: The 26th Japanese Photochemistry Association Award (2012) ABE, Jiro (Aoyama Gakuin Univ., CREST) “Development of Fast Photochromic Molecules” 15:40-16:05 Award Lecture IV: The 26th Japanese Photochemistry Association Award (2012) YAMADA, Hiroko (Nara Institute of Science and Technology) “Synthetic Studies of π -Expanded Aromatic Compounds Toward Photoenergy Conversion Materials” [Room A]		
16:05			
16:10	JPA General Meeting		
17:50	[Room A]		
18:00	Banquet		
20:00	[Ehime University, University Hall]		

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