

## September 9 (Wed) Room C

9 : 00	<b>1C01</b> Molecular modeling for anatase $n\text{-TiO}_2$ anodes of photoelectrochemical cells (Osaka Univ., Univ. of the Ryukyus, the Univ. of Tokyo) <u>S. Yanagida</u> · S. Yanagisawa · K. Yamashita · R. Jono · H. Sagawa
9 : 20	<b>1C02</b> Preparation and Surface Modification with Metal Nanoparticles of Decahedral-shaped Anatase Titania Particles (Muroran Institute of Technology, Hokkaido Univ.) <u>M. Takase</u> · K. Kobayashi · K. Matsui · B. Ohtani
9 : 40	<b>1C03</b> Characterization of phosphorus-doped titanium(IV) oxide prepared using two kinds of titanium compounds (Fukuoka Univ.) <u>K. Yamada</u> · T. Komaki · Y. Wada · T. Kurisaki · H. Wakita · T. Yamaguchi
10 : 00	<b>1C04</b> Monolithic device utilizing semiconductor-metal complex hybrid catalyst for single-compartment $\text{CO}_2$ photoreduction to generate liquid organic substances (Toyota Central R&D lab.) <u>S. Sato</u> · T. Arai · T. Morikawa
10 : 20	<b>1C05</b> Two-electron Oxidation of Water to Form Hydrogen Peroxide Sensitized by Gerporphyrin Complex under Visible Light Irradiation (Univ. of Miyazaki) <u>T. Shiragami</u> · J. Matsumoto · M. Yasuda
10 : 40	<b>1C06</b> Hybrids of a metal complex and carbon nitride as a photocatalyst for the reduction of carbon dioxide (Tokyo Inst. Tech.) <u>K. Maeda</u> · R. Kuriki · O. Ishitani
11 : 00	<b>1C07</b> Ligand Effects of Trans(Cl)-Ru(2,2'-bipyridine)(CO) $_2$ Cl $_2$ on the Photocatalytic $\text{CO}_2$ Reduction (Kitasato Univ.) <u>H. Ishida</u> · K. Fukaya · M. Yoshida · Y. Kuramochi
11 : 20	<b>1C08</b> Photochemical $\text{CO}_2$ reduction in vesicles incorporating tris-cyclometalated iridium complexes as sensitizers (The Univ. of Tokyo) <u>S. Takizawa</u> · N. Ikuta · S. Murata
11 : 40	<b>Lunch Break (11:40 - 12:40)</b>
12 : 40	<b>PL01 Plenary Lecture I (12:40 - 13:15)</b> <b>The Japanese Photochemistry Association Lectureship Award</b> Prof. Noboru Kitamura (Hokkaido University) “Excited Triplet States of Octahedral Hexanuclear Metal Clusters” <b>【Room C】</b>
13 : 20	<b>1C09</b> Optical Properties of BODIPY dyes Bearing Aryl Substituents at the Boron Center (Kyoto Univ.) <u>H. Yamane</u> · K. Tanaka · Y. Chujo
13 : 40	<b>1C10</b> Light-driven Bending of Chiral and Racemic Crystals of Azobenzene Derivatives (Waseda Univ.) <u>T. Taniguchi</u> · M. Shiro · H. Koshima · T. Asahi
14 : 00	<b>1C11</b> Photophysical properties of strongly twisted bis(N,N-dialkylamino)anthracene (Tokyo Inst. Tech., Kyoto Univ., Kyusyu Univ.) <u>S. Sasaki</u> · S. Suzuki · K. Morokuma · K. Igawa · G. Konishi
14 : 20	<b>1C12</b> Design, synthesis and two-step equilibrium of fused rhodamine dyes with near-IR emission (The Univ. of Tokyo, RIKEN, Okayama Univ., RIKEN CEMS) <u>Y. Shirasaki</u> · A. Muranaka · S. Kamino · D. Hashizume · D. Sawada · M. Uchiyama
14 : 40	<b>1C13</b> Photophysical Properties of Difluoroboron $\beta$ -Diketonate Complex Possessing the [2.2]Paracyclophane Moiety (Osaka Pref. Univ., Nara Inst. Sci. Tech.) <u>M. Tanaka</u> · S. Muraoka · A. Sakai · Y. Matsui · E. Ohta · K. Mizuno · H. Ikeda
15 : 00	<b>1C14</b> Thermo-responsible dual mode displaying media showing RGB emission and coloration by using excited energy transfer between emission materials and leuco dyes (Chiba Univ.) <u>K. Ogasawara</u> · K. Nakamura · N. Kobayashi
15 : 20	<b>1C15</b> Photoluminescence of Quantum Clusters Controlled by Photochemical Reactions (Kagawa Univ., AIST) <u>M. Hamada</u> · R. Kohara · S. Nakanishi · S. Wakida · V. Biju
15 : 40	<b>1C16</b> Colloidal Synthesis of AgInTe $_2$ Quantum Dots and Their Near-Infrared-Light Emission (Nagoya Univ., Osaka Univ.) <u>Y. Ishigami</u> · T. Kameyama · S. Kuwabata · T. Torimoto
16 : 00	<b>1C17</b> Photoinduced Reversible Morphological Transformation of Diarylethene Supramolecular Assembly and Photodriven Transportation Using the Supramolecular Assembly (Kyoto Univ., JST-PRESTO) <u>K. Higashiguchi</u> · G. Taira · A. Sakaguchi · H. Yotsuji · J. Kitai · T. Hirose · K. Matsuda
16 : 20	<b>1C18</b> Nanostructure and reaction mechanism of photo-responsive layered hybrids (Tokyo Metropolitan Univ.) <u>Y. Nabetani</u> · V. Ramakrishnan · S. Hassan · D. Yamamoto · T. Shimada · H. Tachibana · H. Inoue
16 : 40	<b>1C19</b> Spatially Selective Excited-State Formation of Molecules within Ultra-Small Volumes by Using Photo-Isomerization (Osaka Univ., Rikkyo Univ.) <u>S. Ito</u> · T. Ikegami · H. Miyasaka · K. Uno · Y. Takagi · M. Morimoto · M. Irie

17 : 00	<b>1C20</b> Fabrication of fine scale pattern for evaluating image properties given by super-resolution microscopy (Olympus Corporation, Kyodo International Inc, Budapest Univ. of Tech. and Economics, Kitasato Univ.) <u>Y. Iketaki</u> · H. Oi · N. Bokor · H. Kumagai
17 : 20	<b>1C21</b> Triplet-triplet annihilation light up-conversion from crystalline solid (AIST/Kwansei Gakuin Univ.) Y. Sakagami · <u>K. Kamada</u>
17 : 40	<b>1C22</b> Precise Chromophore Assemblies for Photon Upconversion under Ultralow Excitation Power (Kyushu Univ., JST-PRESTO) <u>N. Yanai</u> · P. Mahato · N. Kimizuka
18 : 00	<b>1C23</b> Efficient up-conversion based on triplet-triplet annihilation in hydrophobic DNA (Shizuoka Univ.) <u>H. Manishi</u> · h. Kawai
18 : 20 20 : 00	<b>Poster Presentation 1P001 - 1P102</b> 【General Education Building, 3F】