



Grant - in - Aid for Scientific Research on Innovative Areas (2014-2018), MEXT, Japan
 π -system Figuration : Control Electron and Structural Dynamism for Innovative Functions

The 1st International Symposium on π -System Figuration

April 30 (Thursday), 2015

Osaka University Nakanoshima Center 10F, Keizo Saji Memorial Hall

Program

9:30 - 9:40	<u>Opening Remark</u>	Takanori Fukushima (Tokyo Institute of Technology)
9:40-10:05		Shuhei Higashibayashi (Institute for Molecular Science) <i>Hydrazinohelicenes - New Acid-Responsive π-Conjugated Organic Molecules –</i>
10:05-10:30		Satoru Hiroto (Nagoya University) <i>Figuration of Highly-Distorted π-Surface by Oxidation of Functional π-Conjugated Molecules</i>
10:30-10:55		Yoshiaki Shoji (Tokyo Institute of Technology) <i>Synthesis, Structure, and Reactivity of Two-Coordinate Boron Cation with C–B+–C Bonding</i>
break (10:55-11:05)		
11:05-11:55	<u>Invited Lecture</u>	Wonwoo Nam (Ewha Womans University) <i>Biomimetic Metal-Oxygen Intermediates in Dioxygen Activation Chemistry</i>
lunch		
13:00-13:50	<u>Invited Lecture</u>	Francis D'Souza (University of North Texas) <i>Multi-Modular Donor-Acceptor Approach for Targeted Photochemical Charge Separation</i>
13:50-13:15		Kazunori Sugiyasu (National Institute for Materials Science) <i>Living Supramolecular Polymerization</i>
14:15-14:40		Akinori Saeki (Osaka University) <i>Molecular Engineering of Organic Photovoltaics Inspired by Device-less Evaluation</i>
14:40-15:20		Manabu Kiguchi (Tokyo Institute of Technology) <i>Single Molecular Device using π Molecule</i>
break (15:20-15:30)		
15:30-16:20	<u>Invited Lecture</u>	Dirk M. Guldi (Friedrich-Alexander-University) <i>Molecular Singlet Fission – 156% Intramolecular Triplet Formation in Pentacene Dimers</i>
16:20-16:30	<u>Closing</u>	Photo Session
17:00-19:00		Party Osaka University Nakanoshima Center 9F