

**2nd SANKEN JSPS Symposium for the Circulation of Talented Researchers**  
**“Global Networking on Molecular Technology Research”**  
 Supported by JSPS under the Program for Fostering Globally Talented Researchers

**DATE: January 15<sup>th</sup> - 16<sup>th</sup>, 2019**

**VENUE: ICHO-KAIKAN, Suita-Campus, Osaka University**

<b>Day1 : January 15<sup>th</sup></b>	
<b>9:00-11:35</b>	<b>Oral Session</b>
9:00	<b><u>Opening Words</u></b> Seiji Takeda (Professor, ISIR, Osaka University)
	<b>Chair: Tamio Oguchi ( ISIR, Osaka University)</b>
<b>【1】 9:05- 9:35</b>	Resistive switching in binary Hf, Zr and Y oxides : an structural insight Stefan Blügel (Peter Grünberg Institute and Institute for Advanced Simulation Forschungszentrum(FZ) Jülich)
<b>【2】 9:35-10:05</b>	Conversational moves and blended conversation Alexander I. Rudnicky (Carnegie Mellon University)
10:05-10:25	<b><u>Coffee Break</u></b>
	<b>Chair: Kazunori Komatani ( ISIR, Osaka University)</b>
<b>【3】 10:25-10:55</b>	Synthesis of Dibenzo[ <i>hi,st</i> ]- ovalene as highly luminescent nanographen Akimitsu Narita (Max Planck Institute, Mainz)
<b>【4】 10:55-11:15</b>	Visualization of coadsorption of CO and hydrogen on Ni(111) single crystal Naoto Kamiuchi (ISIR, Osaka University)
<b>【5】 11:15-11:35</b>	Single-molecule fluorescence kinetic analysis performed with single-mode waveguide Kiyohiko Kawai (ISIR,Osaka University)
11:35	<b><u>Closing Words</u></b> Tamio Oguchi (Vice-Director, ISIR, Osaka University)

<b>Day2 : January 16<sup>th</sup></b>	
<b>11:30-13:00</b>	<b>Poster Session</b>
<b>【BC-1】</b>	First-principles study of topological interface states in the natural heterostructure (PbSe) <sub>5</sub> (Bi <sub>2</sub> Se <sub>3</sub> ) <sub>6</sub> Hiroyoshi Momida (ISIR, Osaka University)
<b>【BC-2】</b>	Emergent photovoltaic effect in low-dimensional transition-metal dichalcogenides Yijin Zhang (ISIR, Osaka University)
<b>【BC-3】</b>	Fluorinated naphtho[1,2- <i>c</i> :5,6- <i>c'</i> ]bis[1,2,5]thiadiazole: New electron-accepting units for organic semiconductors Yutaka Ie (ISIR, Osaka University)
<b>【BC-4】</b>	High-power terahertz source using small accelerator Koichi Kan (ISIR, Osaka University)
<b>【BC-5】</b>	Word Segmentation from Phneme Sequences Exploiting Subword Information Ryu Takeda (ISIR, Osaka University)
<b>【BC-6】</b>	In-situ ETEM study of iron oxide during redox processes in atmospheric pressure gas environments Ryotaro Aso (ISIR, Osaka University)