

# The 1<sup>st</sup> IOP-RIES Joint Workshop

also as



**Top-Collaboration Support Project Workshop**

**DATE : March 23<sup>rd</sup> (Mon), 2015**

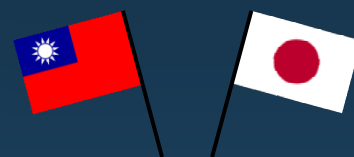
**PLACE : Conference Room(1F), Research Institute for Electronic Science(RIES),  
Hokkaido University (N20 W10, Kita-ku, Sapporo)**

## [Workshop Part I]

**10:30–10:35 Opening Address**

**10:35–11:00 Prof. Junji Nishii (Director of RIES)**

“Research Institute for Electronic Science (RIES)”



**11:00–11:25 Prof. Ting-Kuo Lee (Director of IOP)**

“Institute of Physics (IOP)”

## [Workshop Part II]

**13:00–13:25 Prof. Hiromichi Ohta (RIES)**

“Thermoelectric Effect of Extremely Thin Electron Doped SrTiO<sub>3</sub>”

**13:25–13:50 Prof. Wei-Li Lee (IOP)**

“Quantum Anomalous Hall Effect in Magnetic Topological Insulator”

**13:50–14:15 Prof. Hiroaki Misawa (RIES)**

“Plasmon-Induced Artificial Photosynthesis”

## Coffee Break

**14:30–14:55 Prof. Chii-Dong Chen (IOP)**

“Electromagnetic Characteristics of Josephson Artificial Atoms in a Coplanar Waveguide Cavity”

**14:55–15:20 Prof. Kuniharu Ijiri (RIES)**

“Self-Assembly of Nanoparticles in Solutions Toward Photonics and Biological Applications”

**15:20–15:45 Prof. Chia-Fu Chou (IOP)**

“Nanofluidic Devices and Electrode Nanogaps for Single/Complex Biomolecule Analysis”

## Coffee Break

**16:00–16:25 Prof. Chia-Seng Chang (IOP)**

“*In situ* Tuning and Probing the Ambipolar Field Effect on Multiwall Carbon Nanotubes”

**16:25–16:50 Prof. Yeu-Kuang Hwu (IOP)**

“Nanoscale X-ray Imaging”

**16:50–17:15 Prof. Yoshinori Nishino (RIES)**

“Nano Imaging Under Controlled Environment Using X-ray Free-Electron Lasers”