

# INTERNATIONAL **YOUNG CHEMIST** SYMPOSIUM ON FUNCTIONAL $\pi$ -SYSTEMS TOWARD MOLECULAR ELECTRONICS

7th August 2013



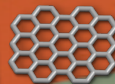
NAIST

NARA INSTITUTE OF SCIENCE AND TECHNOLOGY

YOUNG CHEMIST SYMPOSIUM

## RISING STARS HERE!

8 invited speakers will present their new achievements in the research fields of design, synthesis, and application of new  $\pi$ -conjugated molecules.



7th August Afternoon  
at Main Lecture Room

Co-Chair: NAIST  
Naoki Aratani & Hiroko Yamada

### Invited Speakers

13:10-13:40

**Dr. Itaru Osaka (RIKEN, Japan)**

Design and Synthesis of Semiconducting Polymers with Azole-Based Fused Rings for High-Efficiency Solar Cells

13:40-14:10

**Dr. Qichun Zhang (Nanyang Technological University, Singapore)**

Synthesis, Characterization and Application of Novel Twistacenes and Heteroacenes

14:10-14:40

**Dr. Yasutomo Segawa (Nagoya University, Japan)**

Selective Synthesis and Properties of Carbon Nanorings

14:40-15:10

**Prof. Qian Miao (The Chinese University of Hong Kong, Hong Kong)**

Tailoring Stars of Organic Semiconductors

15:30-16:00

**Dr. Guenter Schnurpfeil (University Bremen, Germany)**

Photocatalytic Systems Using Molecular Organic Semiconductors and Nanoporous Gold (npAu)

16:00-16:30

**Dr. Mitsuharu Suzuki (NAIST, Japan)**

Making  $\pi$ s to Order

16:30-17:00

**Prof. Hao-Wu Lin (National Tsing Hua University, Taiwan)**

Organic Photovoltaics and Organic Light Emitting Devices

17:00-17:30

**Prof. Atsushi Wakamiya (Kyoto University, Japan)**

Molecular Design for Organic Electronics Materials Based on Fine Tuning of the Electronic Structure