

# 1<sup>st</sup> Okayama Symposium on Interplay between Material Science and Organic Synthesis

November 7 (Wed), 2012 Okayama International Center  
November 8 (Thu), 2012 Okayama University

## Program



### *Session A "Supramolecular System toward Functional Materials"* <8th floor, Okayama International Center on 7/11/2012>

- 12:00~ Doors Open
- 13:00~13:05 Opening Remarks  
*Chair: Yutaka Takaguchi*
- 13:05~14:15 [Plenary Lecture] Mir Wais Hosseini (Strasbourg University)  
"Molecular tectonics: from molecules to crystals of crystals"
- 14:15~14:30 Coffee Break  
*Chair: Yasushi Nishihara*
- 14:30~14:55 Shinji Toyota (Okayama University of Science)  
"Anthracene-acetylene oligomers: novel molecular design and its possibilities"
- 14:55~15:20 Kunio Kimura (Okayama University)  
"How to create novel morphology of aromatic polymers  
- Preparation of polyamide hollow spheres - "
- 15:20~15:45 Yutaka Takaguchi (Okayama University)  
"Molecular arrangement and properties of fullerene-pentacene adducts"
- 15:45~16:00 Coffee Break  
*Chair: Kunio Kimura*
- 16:00~17:10 [Plenary Lecture] Takashi Kato (The University of Tokyo)  
"Development of functional self-assembled Materials"
- 17:30~20:00 *Banquet (Matsunoki-tei Restaurant)*



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*Session B “Synthesis of  $\pi$ -Conjugated System for Organic Photovoltaics”*  
<Room 104, Faculty of Environmental Science and Technology, Okayama University on 8/11/2012>

09:00~ Doors Open

*Chair: Tetsuo Iwanaga*

09:30~09:55 Tomoyuki Tajima (Okayama University)

“Synthesis and properties of hexathiopentacene dendrimers”

09:55~10:20 Koichi Mitsudo (Okayama University)

“Synthesis and properties of nitrogen-bridged terthiophenes”

10:20~10:30 Coffee Break

*Chair: Tomoyuki Tajima*

10:30~10:55 Yasushi Nishihara (Okayama University)

“Synthesis of picene derivatives by cross-coupling reactions”

10:55~11:20 Akihiro Orita (Okayama University of Science)

“Synthesis of acetylenic dyes and their application to dye-sensitized solar cell”

11:20~11:25 Closing Remarks

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