

# MASA 2013

**Material Architectonics**  
**For Sustainable Action**

**13:00~17:00, March 19**

**Auditorium, WPI-MANA**

**Namiki, NIMS, TSUKUBA**

**Registration: [masa2013@ml.nims.go.jp](mailto:masa2013@ml.nims.go.jp)**



Nano Revolution  
for the Future



The University of Melbourne



**Kenneth Shea (UC Irvine)**

**Niel Furlong (RMIT University)**

**Mineo Hashizume (TU of Science)**

**Hiroshi Endo (TU of Science)**

**Hidenori Noguchi (NIMS)**

**Kazunori Sugiyasu (NIMS)**

**Lok Kumar Shrestha (NIMS)**

**Masanobu Naito (NIMS)**

# Program

13:00 Welcome address

13:05 Plenary Lecture: Kenneth J. Shea (UC, Irvine)

“Functional Micro and Nano Hybrid Materials”

13:55 Kazunori Sugiyasu (NIMS)

“Inquiry into the conduction mechanism of polythiophene using a single planar polythiophene”

14:20 Coffee break

14:35 Mineo Hashizume (Tokyo University of Science)

“Utilization of Surface Modifications for Polymer-Metal Adhesions”

15:00 Lok Kumar Shrestha (NIMS)

“Fullerene Nanoarchitectures at Liquid-Liquid Interface”

15:25 Hiroshi Endo (Tokyo University of Science)

“Multifunctional Wrinkle Surface Based on One-push Strain Engineering”

15:50 Hidenori Noguchi (NIMS)

“Utilization of vibrational sum frequency generation spectroscopy to characterize the structure and dynamics of soft interfaces”

16:15 Masanobu Naito (NIMS)

“Circularly Polarized Luminescent Quantum Dots Prepared in Protein Nanocage”

16:40 Perspective Lecture: Niel Furlong (Univ.of Melbourne)

“Networks for Materials Science and Engineering Research?”

16:55 Closing remarks

# MASA 2013

Venue: WPI-MANA Bld. Auditorium  
Namiki, NIMS, Tsukuba

NIMS, Namiki Campus



←Tsukuba station, TX

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