

1st NIMS-EWHA Workshop Programme (Aug, 27th)

Time

8.30-9.00 AM **Registration and Opening Ceremony**

9.00-9.05 AM **Prof. Ajayan Vinu (MANA, NIMS, Japan)**

Welcome Address

9.05-9.10 AM **Dr. Junichi Sone (Vice President, NIMS, Japan)**

Opening Address: The need and importance of International Collaboration in Materials Science

9.10-9.20 AM **Prof. Yoshio Bando (COO, MANA, NIMS, Japan)**

Introduction to MANA

9.20-9.40 AM **Mr. Masahiro Takamura (General Manager, IAO, NIMS)**

Introduction to NIMS

Session I: Supramolecular and Hybrid Nanomaterials

Chairperson: Prof. Jin-Ho Choy

9.40-10.10 AM **Prof. Katsuhiko Ariga, MANA, NIMS, Japan**

Hand-Operating Nanotechnology & Supramolecular Materials

10.10-10.40 AM **Prof. Dong Ha Kim, Ewha Womans University, South Korea**

Multifunctional Hybrid Nanostructured Materials for Applications in Green Nanotechnology and Optical Biosensing

10.40-10.55 AM

Coffee Break

Session II: Nanoarchitecture of the Materials and their Applications

Chairperson: Prof. Katsuhiko Ariga

10.55-11.25 AM **Prof. Jin-Ho Choy, Ewha Womans University, South Korea**

Boron Neutron Capture Therapy with Nano-Engineered Drug Delivery System

11.25 AM- **Dr. Jonathan Hill, MANA, NIMS, Japan**

11.55 PM *Aspects of Supramolecular Chemistry in Functionality of Porphyrins*

11.55-2.00 PM

Lunch Break

Session III: Energy and Environment

Chairperson: Dr. Jonathan Hill

2.00-2.30 PM **Prof. Toshiyuki Mori, Fuel Cell Materials Center, NIMS, Japan**

Design of nano-structure and nano-interface of fuel cell materials

2.30-3.00 PM **Prof. Seong-Ju Hwang, Ewha Womans University, South Korea**

Low-dimensional Nanostructured Inorganic Solids and their Nanohybrids: Promising Materials for Energy Storage and Environment Purification

3.00-3.15 PM

Coffee Break

Session IV: Nanostructured Energy Harvesting Materials

Chairperson: Prof. Toshiyuki Mori

3.15-3.45 PM **Dr. Mi-Kyung Han, Ewha Womans University, South Korea**
Nanostructured bulk Thermoelectric Materials for Energy Harvesting Applications

3.45-4.15 PM **Prof. Ajayan Vinu, MANA, NIMS, Japan**
Fabrication of Advanced Functional Nanoporous Carbon Based Materials for Energy and Environment

4.15-4.30 PM **MOU Signing Ceremony**

4.30-5.30 PM **ca. 20 Poster Presentations from EWHA and NIMS**

6.00 – 7.30 PM **Banquet (Participants from both the institutes)**