



Australia-MANA

workshop

on

Nanoarchitectonics for Innovative
Materials & Systems

Time: 9:00 – 18:40, May 10, '12

Venue: WPI-MANA Auditorium,

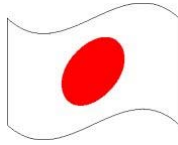
Namiki site, NIMS, Tsukuba

Registration fee: Free

Register your name and affiliation through:

australian-mana@ml.nims.go.jp





May 10 :

09:00 Prof. Neil Furlong, University of Melbourne

Introduction from Australian Participants

09:10 Prof. Kohei Uosaki, MANA

Introduction from MANA

09:20 Prof. Ray Dagastine, University of Melbourne

Hydrodynamic boundary conditions between drops in the absence of surfactant: from Brownian motion to driven collisions

09:50 Dr. Lok Kumar Shrestha, MANA

Facile synthesis of shape-controlled crystalline fullerene (C60)

10:20 Dr. Xu Li, University of Melbourne

Applications for peptides in the design of new biomaterials and control of interfacial properties

10:50 Coffee Break

11:10 Dr. Naoki Fukata, MANA

Impurity doping and characterization of boron and phosphorus atoms in silicon and germanium nanowires

11:40 Dr. Rico Tabor, University of Melbourne

Surface chemistry of the air-water and oil-water interface: forces between drops and bubbles

12:10 Dr. Vipul Bansal, RMIT University

Nature-mimic synthesis of inorganic materials

12:40 Lunch

14:00 Dr. Benjamin Thierry, University of South Australia

Immunotargeted nanoparticles in tumor tissues: to Bind or not to Bind ?





- 14:30 Dr. Shigesaburo Ogawa, Kyushu University
Self-assembly of luminescent BF₂dbm complexes in organic media and on solid surfaces
- 14:55 Dr. Hiroaki Iguchi, Kyushu University
One-dimensional electron system from solid to solution state: chemistry of MMX-chain complexes and alternately stacked charge-transfer complexes
- 15:20 Dr. Satsishi Tominaka, MANA
Nanostructured Electrode Materials for Fuel Cells
- 15:50 Coffee Break**
- 16:05 Dr. Satoshi Watanabe, Kyoto University
Spontaneous ordering of nanoparticles by evaporation-induced self-assembly
- 16:30 Dr. Naoto Shirahata, MANA
Efficient Light Emission from Group IV Nanoparticles
- 17:00 Prof. Naoyuki Ishida, Okayama University
Experimental investigation of the interaction forces between solid surfaces - Seeking the origin of "Hydrophobic Attraction"
- 17:25 Dr. Angus Johnston, University of Melbourne
Targeted drug delivery - understanding cellular binding and uptake of nanoengineered capsules
- 17:50 Dr. Jun Nakanishi, MANA
Photoactivatable substrates for analyzing cell motility
- 18:20 Prof. Tom Healy, University of Melbourne
Concluding Remarks

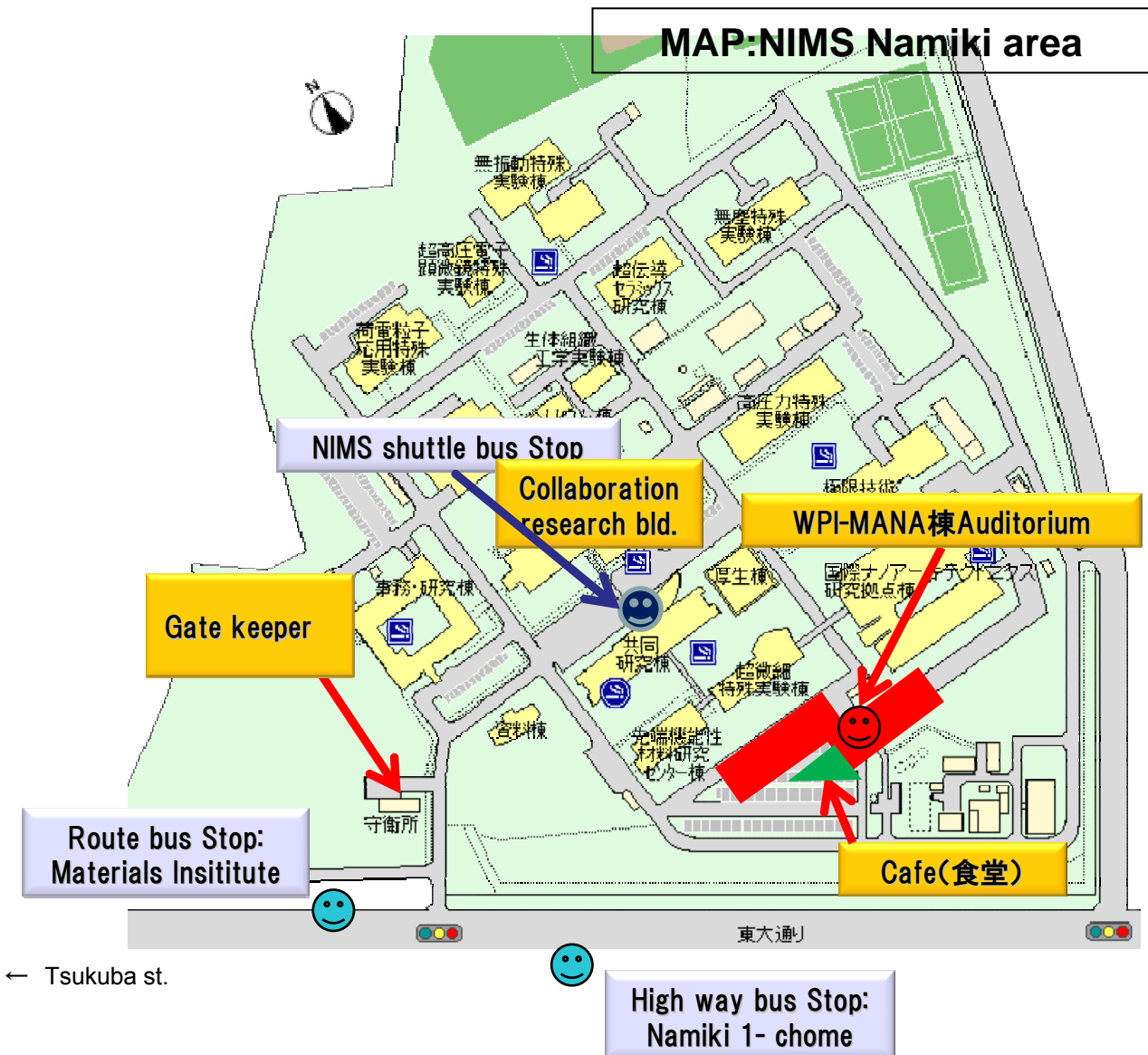


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【Lunch】

You can take a lunch at the
Cafe



【Contact】 MANA admin office TEL : 029-860-4709

Australian-MANA Workshop on May 10, 2012

会場: WPI - MANA Auditorium, NIMS

登録費: 無料

【昼食】

WPI-MANA棟内のCaféを
ご利用下さい。

NIMS 並木地区



【問い合わせ】MANA事務部門 TEL:029-860-4709