



OSAKA University

MANA/NIMS

Joint Symposium

on Advanced Structural & Functional Materials Design

9:00-16:00
March 18, 2013

Venue:
WPI-MANA Auditorium

Registration: osaka-nims@ml.nims.go.jp



OSAKA UNIVERSITY



NIMS

Program

09:00 *Opening Address* : M. Aono, NIMS
T. Tanaka, Osaka University

(Session 1)

09:30 Masato Mochizuki, Osaka University
“Numerical Simulations of Micro-, Macro-, and Mega-Scale
Structurization by Welding Processes”

09:55 Koichi Tsuchiya, NIMS
“Anomalous Properties of Nanostructured Metallic Materials”

10:20 - 10:35 *Break*

(Session 2)

10:35 Hidehiro Yasuda, Osaka University
“Photo-properties in organic molecule-passivated Si nanoparticles”

11:00 Dmitri Golberg, NIMS
“Nanoscale mechanics revealed by in-situ TEM”

11:25 Tomonobu Nakayama, NIMS
“Multiple-probe atomic force microscopes and their applications”

11:50-13:00 *Lunch*

(Session 3)

13:00 Yu Shiratsuchi, Osaka University
“New functionality of antiferromagnet for future spinelectronics”

13:25 Minoru Osada, NIMS
“2D Oxide Nanosheets from Layered Materials: New Solution to
Nanoelectronics”

(Session 4)

13:50 Hiromi Yamashita, Osaka University
“Design and Applications of Single-site Photocatalysts”

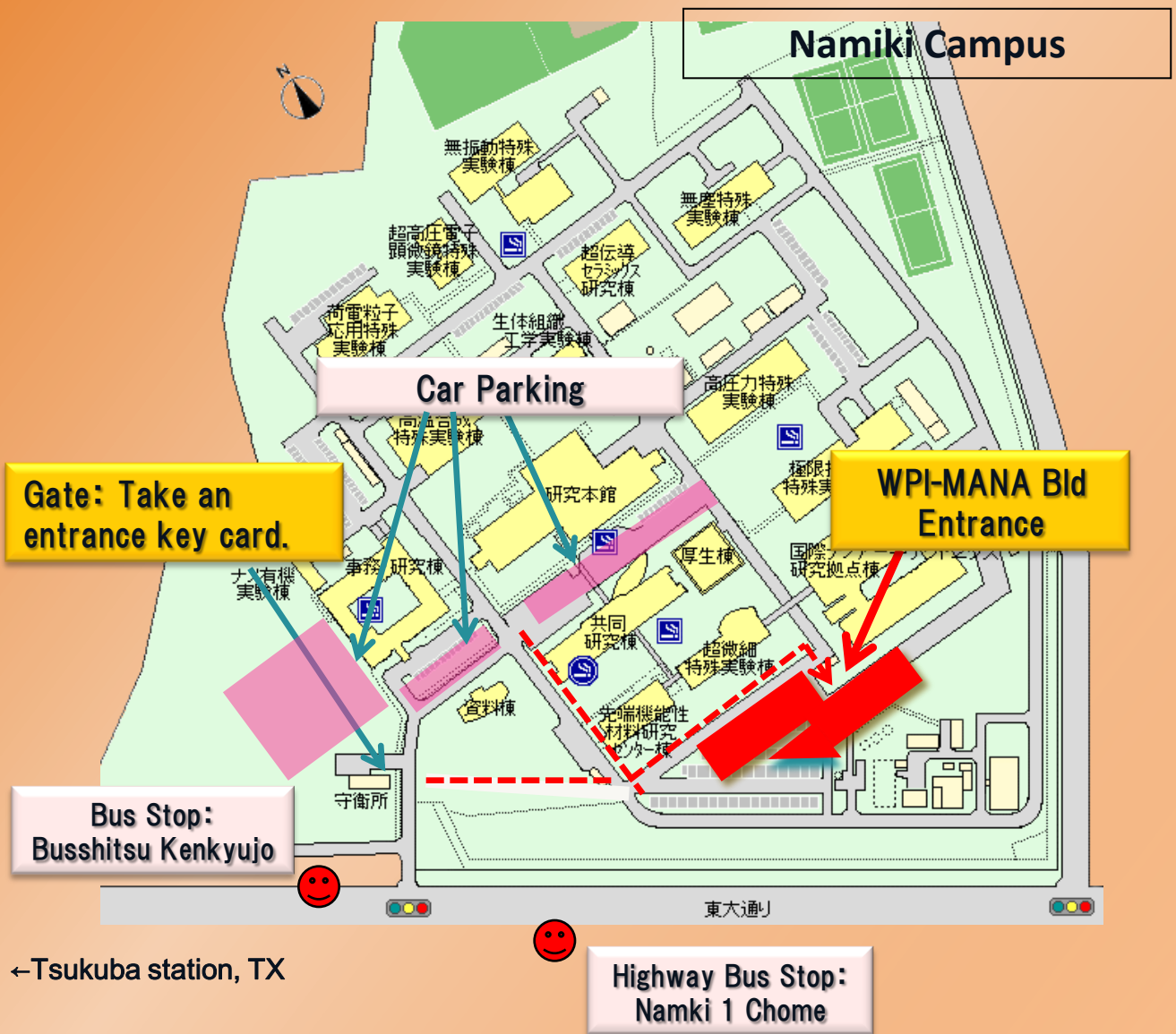
14:15 Takao Mori, NIMS
“Developing viable thermoelectric materials through control of
atomic and grain structure”

14:40 1min presentations and Poster session

16:00 Closing H. Utsunomiya, Osaka University & Yoshio Bando, NIMS

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



Symposium secretariat: osaka-nims@ml.nims.go.jp

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