

MANA 5th Anniversary Memorial Symposium

Date: October 3rd, Venue: Auditorium, WPI-MANA Building, NIMS, Tsukuba

-What are our future challenges?-

PROGRAM

- 13:00 Opening Address **Sukekatsu Ushioda**, President, NIMS
Greetings **Toshio Kuroki**, Program Director, WPI Program
Gunji Saito, Program Officer, WPI Program
Mark Welland, Professor, University of Cambridge
- 13:30 Director's Speech *"Five-year journey and future challenges of MANA"*
Masakazu Aono, Center Director, MANA
- 14:00 Special Lecture *"Emergent electromagnetic phenomena in solids"*
Yoshinori Tokura, Professor, University of Tokyo & Group Director, RIKEN
- 14:40 - Break -
- 15:00 Our Future Challenges in MANA
"A thinking machine"
James Gimzewski, PI, MANA (MANA Satellite at UCLA)
"Artificial photosynthesis: Possibilities and challenges"
Jinfua Ye, PI, MANA
"Oxide nanosheets: Moving beyond graphene"
Minoru Osada, Associate PI, MANA
"Majorana fermions in topological superconductivity and novel functions"
Xiao Hu, PI, MANA
"Superconducting surface materials - Challenge and perspective"
Takashi Uchihashi, MANA Scientist, MANA
"Revolutionary molecular sensors for diagnosis: Membrane stress sensor (MSS)"
Genki Yoshikawa, Independent Scientist, MANA
"Empowered nanoarchitectonics for global health"
Mitsuhiro Ebara, MANA Scientist, MANA
"Strategies towards non-toxic near-IR emitting nanoparticles for bioimaging and biosensing"
Francoise Winnik, PI, MANA (MANA Satellite at University of Montreal)
- 17:00 Lab tour in the new WPI-MANA Building
- 17:30-19:00 Reception (Melting-Pot Café, WPI-MANA Building)