

The 5th International Symposium on AMBITIOUS LEADER'S PROGRAM Fostering Future Leaders to Open New Frontiers in Materials Science

Nov. 21, 2017 8:55-16:40

**Akira Suzuki Hall
Hokkaido University**

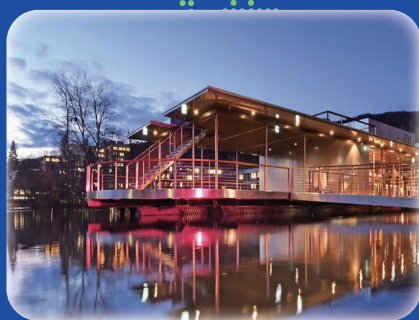
Anyone Welcome / Free

Side Events : Persons Concerned - Limited

Welcome Reception : Nov. 20, Faculty House Trillium

Poster Presentation : Nov. 21, Jozankei View Hotel

Students Workshop : Nov. 22, Jozankei View Hotel



Opening Remarks

8:55~9:00



9:00~9:35

**Singular Perturbation for Determining
the Permeability of Thin Layers**

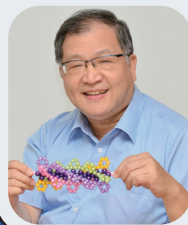
Prof. Jun Masamune
Faculty of Science
Hokkaido Univ.



13:00~13:45

**Technomimetic Nanomachines:
Molecular Wheels, Vehicles, Rotors
and Motors**

Prof. Gwénaél Rapenne
Univ. Paul Sabatier Toulouse and
CEMES-CNRS, France



9:35~10:20

**Molecular Metal Wires:
From Homonuclear Metal String
Complexes to Heteronuclear
Metal String Complexes**

Prof. Shie-Ming Peng
Department of Chemistry
National Taiwan Univ., Taiwan R.O.C.



13:55~14:30

**Systematic Exploration of Adiabatic
and Nonadiabatic Pathways in
Molecules and Materials**

Prof. Satoshi Maeda
Faculty of Science
Hokkaido Univ.



10:35~11:10

**Asymmetric Hydrogenation and
Isomerization Catalyzed by Chiral
Ruthenium(II) Complexes**

Prof. Takeshi Ohkuma
Faculty of Engineering
Hokkaido Univ.



14:30~15:15

**Micro-Electrochemistry Meets
Trace Analytics: From Pico Coulombs
to Parts Per Trillion**

Prof. Achim Walter Hassel
COMOX, ICTAS, CEST,
Johannes Kepler Univ. Linz, Austria

Poster Preview

15:30~16:40