

The Program for Promoting the Enhancement of Research Universities  
WinGS International Symposium for Women Scientists

2014

# PROGRAM

(Brief version, 140930)

Water:

Science we do on our Mother Earth,  
the Planet of Water

Term:

Oct 27 (Mon) - 29 (Wed) 2014

Venue:

Frontier Research in Applied Sciences Building, Hokkaido University

Support Office for Female Researchers in Hokkaido University

# Schedule

Oct 27 (Mon)		Oct 28 (Tue)		Oct 29 (Wed)	
9:00		9:00		9:00	
10:00		10:00	Keynote Speech 3	10:00	Session 3: Panel Discussion
11:00		11:10	Refreshing Break	11:00	Refreshing Break
		11:20		11:10	Session 4: Group Discussion
12:00	Poster Display: 12:00-14:30	12:30	Keynote Speech 4	12:20	Refreshing Break
13:00	Opening Remarks	13:00	Lunch Break	12:30	Closing Remarks
13:15	Keynote Speech 1			13	Poster Removal: 12:30-13:30
14:25	Refreshing Break	14:10	Session 2: Lightning Talks		
14:30	Keynote Speech 2	15:00			
15:40	Coffee Break				
15:50	Session 1: Lightning Talks	16:20	Coffee Break		
		16:30			
17:00		17:00	Poster Discussions 2		
17:20	Poster Discussions 1				
18:10		18:00			
18:20					
-20:30	Welcome Reception				

# Program

1<sup>st</sup> Day, Oct 27 (Mon)

1F, Seminar Room 1

12:00 - Poster Display, Poster #1 - #18

2F, Lecture Hall

13:00 - 13:15 Opening Remarks

Tsuneko Mochizuki (Vicepresident, Head of Support Office for Female Researchers, Hokkaido University)

13:15 - 14:25 Keynote Speech 1

Chair: Satoshi Naito (Graduate School of Agriculture, Hokkaido University)

**Kazuko Yamaguchi-Shinozaki**

(Professor, Graduate School of Agricultural and Life Science, University of Tokyo)

“Water and Plants”

14:25 - 14:30 Refreshing Break

14:30 - 15:40 Keynote Speech 2

Chair: Elizabeth Tasker (Graduate School of Science, Hokkaido University)

**Ralph E. Pudritz**

(Professor, Department of Physics and Astronomy, McMaster University, Canada)

“From Molecular Clouds to Life: Water's Remarkable Journey”

15:40 - 15:50 Coffee Break (Foyer)

15:50 - 17:00 Session 1: Lighting Talks

15:50 - 16:00 Teruko Konishi (Faculty of Agriculture, University of the Ryukyus)

“Cell Wall Biosynthesis of Micro Alga *Chlamydomonas*”

(Poster #1)

- 16:00 - 16:10 Chikako Nagasato (Muroran Marine Station, Hokkaido University)  
“Plasmodesmata: Intercellular Connections in Brown Algae”  
(Poster #2)
- 16:10 - 16:20 Misaki Takabayashi (Marine Science Department, University of Hawaii  
at Hilo, USA)  
“Marine Science in the Pacific, the Realm of Kanaloa” (Poster #3)
- 16:20 - 16:30 Yoko Mitani (Field Science Center for Northern Biosphere, Hokkaido  
University)  
“Acoustic Monitoring of Marine Mammals in the Seasonal Sea Ice  
Zone” (Poster #4)
- 16:30 - 16:40 Luísa Custódio (Centre of Marine Sciences (CCMAR),  
University of the Algarve, Portugal)  
“Water: The New Frontier for Drug Discovery” (Poster #5)
- 16:40 - 16:50 Agata Markowska-Szczupak (Faculty of Chemical Technology,  
West Pomeranian University of Technology, Poland)  
“Microbiological Disinfection of Water and Air by Photocatalysis  
with Titanium Dioxide” (Poster #6)
- 16:50 - 17:00 Keiko Sasaki (Faculty of Engineering, Kyushu University)  
“Synthesis of Lithium Ion Sieve from Biogenic Manganese Oxides”  
(Poster #7, #18)

## 1F, Seminar Room 1

17:20 - 18:10 Poster Discussions 1  
Poster #1 - #7

18:30 - 20:30 Welcome Reception (Entrance Hall)

2<sup>nd</sup> Day, Oct 28 (Tue)

2F, Lecture Hall

10:00 - 11:10 Keynote Speech 3

Chair: Masako Kato (Graduate School of Science, Hokkaido University)

**Akira Fujishima**

(President, Tokyo University of Science)

**“Water Photolysis and Photocatalysis”**

11:10 - 11:20 Refreshing Break

11:20 - 12:30 Keynote Speech 4

Chair: Kenichiro Matsumoto (Graduate School of Engineering, Hokkaido University)

**Maria Miguel**

(Professor, Chemistry Department, University of Coimbra, Portugal)

**“DNA Association in Water: A Delicate Balance between Hydrophilic and Hydrophobic Interactions”**

12:30 - 14:10 Lunch break

14:10 - 15:50 Session 2: Lighting Talks

14:10 - 14:20 Ayumi Saruwatari (Faculty of Engineering, Hokkaido University)

“Coexistence of Tidal and Ocean Currents in the Tsugaru Strait”

(Poster #16)

14:20 - 14:30 Anaïs Lehoux (Catalytic Research Center, Hokkaido University)

“Design and Preparation of Porous Materials for Application in Photocatalysis” (Poster #8)

14:30 - 14:40 Eri Sakuda (Graduate School of Science, Hokkaido University)

“Experimental Approaches to Photoreduction of Carbon Dioxide Using Boron as a Key Element

- Towards Artificial Photosynthesis in Water—” (Poster #9)

14:40 - 14:50 Katja Loos (Department of Polymer Science, Zernike Institute for Advanced Materials, University of Groningen, The Netherlands)

“Nanoporous Polymeric Networks

- From Actuators to Water Purification” (Poster #10)
- 14:50 - 15:00 Ewa Kowalska (Chemistry Catalysis Research Center, Hokkaido University)  
“Advanced Oxidation Processes for Water and Wastewater Treatment” (Poster #11)
- 15:00 - 15:10 Yuliya Vystavna (Department of Environmental Engineering and Safety,  
O.M. Beketov National University of Urban Economy)  
“Environmental and Socio-Economic Determinants,  
Their Impact on Emerging Tracers in Surface Water” (Poster #12)
- 15:10 - 15:20 Helena Fortunato (Faculty of Science, Hokkaido University)  
“Ocean Acidification Impact on Shallow Water Biodiversity”  
(Poster #13)
- 15:20 - 15:30 Junko Morimoto (Graduate School of Agriculture, Hokkaido University)  
“Challenges for the Restoration of Wetlands from the Abandoned  
Pasture” (Poster #14)
- 15:30 - 15:40 Mio Kasai (Graduate School of Agriculture, Hokkaido University)  
“Recent Sediment Disasters Triggered by Intense Storm Events  
in Japan” (Poster #15)
- 15:40 - 15:50 Katia Andrade (Graduate School of Engineering, Hokkaido University)  
“The Importance of Water Transportation” (Poster #17)

## 1F, Seminar Room 1

- 16:10 - 17:00 Poster Discussions 2  
Poster #8 - #18

3<sup>rd</sup> Day, Oct 29 (Wed)

1F, Seminar Room 1

10:00 - 11:00 Session 3: Panel Discussion

“Women and Leadership for Next Phase”

Chair: Kyoko Hida (Institute for Genetic Medicine, Hokkaido University)

Speakers: Keiko Sasaki (Kyushu University), Kwadwo Osseo-Asare (Pennsylvania State University), Maria Miguel (University of Coimbra), Asuka Nanbo (Hokkaido University)

11:00 - 11:10 Refreshing Break

11:10 - 12:20 Session 4: Group Discussion

“Future Research Collaborations”

Chair: Mayumi Ishizuka (Graduate School of Veterinary Medicine, Hokkaido University)

Speakers: Luisa Custodio (University of the Algarve), Yuliya Vystavna (O.M. Beketov National University of Urban Economy), Ewa Kowalska (Hokkaido University)

12:20 - 12:30 Refreshing Break

12:30 - 13:00 Closing Remarks

Tsuneko Mochizuki (Vicepresident, Head of Support Office for Female Researchers, Hokkaido University)

12:20 - 13:30 Poster Removal, Poster #1 - #18