

As of May 15, 2016

May 20 (Friday)

**Opening Ceremony of Japan Arctic Research Network Center and
Commemorative Lectures**

Language: Japanese with Japanese/English simultaneous translation

Venue: Center for Food & Medical Innovation of Hokkaido Univ. (Kita 21, Nishi 11)

- 13:00-13:10 Opening remarks and brief overview of Japan Arctic Research Network Center
Prof. Sei-Ichi Saitoh (Hokkaido Univ.)
- 13:10-13:40 Speeches by guests of honor
MEXT: Mr. Ryuichiro Shirama
Japan Business Federation Mr. Hitoshi Nagasawa
Hokkaido Univ.: President Keizo Yamaguchi
NIPR: Director Kazuyuki Shiraishi
JAMSTEC: Director Asahiko Taira
- 13:40-14:20 Keynote lecture 1: Prof. Hajo Eicken (Univ. of Alaska Fairbanks)
“Responding to rapid Arctic change: Opportunities and need for international collaboration”
- 14:20-14:35 Coffee break
- 14:35-15:15 Keynote lecture 2: Prof. Thomas Spengler (Univ. of Bergen)
“Atmosphere-Ocean-Ice Interactions in the Arctic: Research and Collaboration at the Bjerknes Centre for Climate Research”
- 15:15-15:45 Keynote lecture 3: Prof. Atsuko Sugimoto (Hokkaido Univ.)
“Joint research and activities for co-design and co-production in Sakha (Yakutia), Russia”
- 15:45-16:00 Coffee break
- 16:00-17:10 Panel discussion
“What we expect from Japan Arctic Research Network Center –Viewpoint from industries and governments –”
Moderator: Prof. Shinichiro Tabata (Hokkaido Univ.)
Panelists:
Hokkaido Economic Federation: Mr. Youichi Sekiguchi

The Hokkaido Bank: Mr. Norihito Mikami
Hokkaido Government: Mr. Nobuyuki Shinohara
Hokkaido Regional Development Bureau: Mr. Tetsuya Hayakawa
Hokkaido Bureau of Economy, Trade and Industry: Mr. Minoru Fujie
GEBSCO/Toyo Construction: Mr. Shin Tani
Hokkaido Univ. Arctic Research Center: Director Sei-Ichi Saitoh
NIPR Arctic Environment Research Center: Director Hiroyuki Enomoto
JAMSTEC Inst. of Arctic Climate and Environment Research:
Director Takeshi Kawano
Commentator: Mr. Ryuichiro Shirama (MEXT)

17:10-17:15 Closing remarks: Vice president Kazushige Kawabata (Hokkaido Univ.)

18:00-20:00 Reception (¥4,000)
Restaurant Elm in Faculty House Trillium (Kita 11 Nishi 8)

May 21 (Saturday)

Commemorative Symposium

Language: Japanese (A few presentations in English)

Venue: Center for Food & Medical Innovation of Hokkaido Univ. (Kita 21, Nishi 11)

10:00-10:10 Opening remarks and brief overview of Japan Arctic Research Network Center:
Prof. Sei-Ichi Saitoh (Hokkaido Univ.)

10:10-11:50

Session 1 “Arctic marine environment and ecosystem, and surrounding social circumstances”

Convener: Dr. Takeshi Kawano (JAMSTEC)

10:10-10:35 “Sea ice reduction and environmental changes in the Arctic Ocean”
Dr. Takashi Kikuchi (JAMSTEC)

10:35-11:00 “Response of marine ecosystem to environmental change in the Arctic Ocean”
Dr. Toru Hirawake

11:00-11:25 “Northern Sea Route, its feasibility and current status”
Prof. Toru Tamura (Hokkaido Univ.)

11:25-11:50 “Arctic marine governance and the role of the Arctic Council”
Dr. Fujio Ohnishi (Nihon Univ., Presentation in English)

11:50-13:00 Lunch

13:00-14:40

Session 2: “Arctic terrestrial environment and ecosystem, and social changes”

Convener: Prof. Atsuko Sugimoto (Hokkaido Univ.)

13:00-13:25 “Study on terrestrial ecosystem in high-Arctic and future plan”
Dr. Yukiko Tanabe (NIPR)

13:25-13:50 “The peculiarity of circumpolar forest ecosystems - Beyond dogmatic concepts for better understanding -”
Dr. Yojiro Matsuura (Forestry and Forest Products Research Inst.)

13:50-14:15 “Hydrological cycle change in Northern Eurasia and its influence on terrestrial environment”
Dr. Yoshihiro Iijima (Mie Univ.)

14:15-14:40 “Response of circumpolar forest ecosystems to climate change: Does warming enhance tree growth?”
Dr. Shunsuke Tei (Hokkaido Univ.)

14:40-15:00 Coffee break

15:00-16:40

Session 3: “Changes of glaciers and ice sheets in Greenland and their impact on local societies”

Convener: Prof. Hiroyuki Enomoto (NIPR)

15:00-15:25 “Environmental change in Greenland and new research initiative”

Prof. Hiroyuki Enomoto (NIPR)

15:25-15:50 “Icequakes in Greenland”

Dr. Evgeny Podolskiy (Hokkaido Univ., Presentation in English)

15:50-16:15 “Environmental changes in Greenland and its influence on regional communities” Dr. Sumito Matoba

16:15-16:40 “Greenland’s political structure and policy response to environmental changes” Dr. Minoru Takahashi (Hokkaido Univ.)

16:40-16:45 Concluding remarks Dr. Yasushi Fukamachi (Hokkaido Univ.)