



June 5, 2018

3rd Top of the World Arctic Broadband Summit

June 27-28, 2018 Sapporo, Hokkaido, Japan

TOW Arctic Broadband Summit Venue: Hokkaido University (Small auditorium (1F))
Address: Sapporo, Kita-ku, Kita 8, Nishi 5

Tuesday June 26, 2018

19:00 – 20:30 NxtVn Icebreaking Event

The conference will be kicked off with a networking cocktail the evening before the official opening.

Venue: Keio Plaza Hotel

Wednesday June 27, 2018

Facilitator: Anu Fredrikson, Director, AEC Secretariat

9:00 Registration & coffee

Venue: University of Hokkaido

9:30 Welcome & Opening Remarks

- Tero Vauraste, AEC Chair; President & CEO of Arctia Ltd. (confirmed)
- Toyoharu Nawa, President, Hokkaido University (confirmed)
- Junji Ishii, Chairman of Hokkaido Committee for Economic Development; Chairman, North Pacific Bank Ltd. (confirmed)

10:00 Panel 1: (Subsea) data cables

One of the factors driving the Arctic's future is global digitalization. Without access to affordable and stable broadband, the rural parts of the Arctic will be left behind of the development brought by digitalization. But if realized, plans for improved connectivity in or through the Arctic can be a game-changer not just for the region, but also globally. The Arctic has a geographic advantage: uniting 3 continents, it provides the shortest link for data cables, the trading routes of digital economy. What is the status of the planned subsea data cable projects for the Arctic? How can we secure collaboration between the different stakeholders? How can the planned projects serve the needs of the Arctic societies and serve as an enabler for the region's business development?

Moderator: Nao Yanagawa, Flower Communications (confirmed)

- Jukka-Pekka Joensuu, Executive Advisor, Cinia (confirmed)
- Aki Uljas, Business Development Director, Cinia (confirmed)
- George Tronsrue III, CEO, OR Kristina Woolston, Vice President External Relations, Quintillion (confirmed)
- Yoshio Sato, Senior Manager, NTT Communications (confirmed)



- Mr. David Tossell, Director of Marine Engineering, Alcatel Submarine Networks (confirmed)

11:30 Keynote: Connectivity in the Arctic

- Mr. Khaled Sedrak, Founder and CEO, NxtVn

Highlight: New Arctic Opportunities

- Heidar Gudjonsson, AEC Vice Chair/Chairman of Board, Vodafone Iceland (confirmed)

12:15 Networking lunch

Venue: Hotels Mystays Sapporo Aspen

13:30 Highlight: Arctic Council Task Force on Improved Connectivity in the Arctic (TFICA)

- Ms. Marjukka Vihavainen-Pitkänen, co-chair, Arctic Council TFICA (confirmed)

13:45 Panel II: New Opportunities

Cold temperatures are amongst the Arctic's most valuable natural resources. In an era of digital connectivity, an increased need for faster internet connections and larger digital storage units, the Arctic's location on the top of the world gives the region a competitive advantage. According to the [Data Center Risk Index 2016](#), the Arctic region has the lowest risk environment for data centres. What opportunities does improved connectivity bring in terms of ICT and business development? What opportunities does the new digital infrastructure in the Arctic region offer for actors outside the Arctic? And, how is the development of the ICT industry in the Arctic region connected with businesses representing the non-Arctic part of the world? How can we best reap the benefits of the Arctic's cold climate and the potential for datacenters? How do we ensure that the region isn't left behind in an increasingly digitalized world?

Moderator: Heidar Gudjonsson, AEC Vice Chair/Chairman of Board, Vodafone Iceland

- Mr. Hiroyuki Itoh, President, Crypton Future Media (confirmed)
- Mr. Masanobu Fujioka, CTO, Ericsson Japan (confirmed)
- Suvi Lindén, Chair, NxtVn Finland (confirmed)
- Professor Yamamoto, University of Hokkaido (confirmed)

15:15 Coffee & refreshments

15:30 Departure for site visits

- Group 1: Sakura Internet in Ishikari, 50 min drive from Sapporo. Takes 30 people. Tour 90 mins.
- Group 2: Infinite Loop and Crypton Future Media in downtown Sapporo. Crypton Future Media



19:00 Reception
Venue: Hotel Mystays Sapporo Aspen

Thursday June 28, 2018

Facilitator: Anu Fredrikson, Director, AEC Secretariat

8:45 Morning coffee

9:00 Highlight: Demola

9:10 Senator Lisa Murkowski, Alaska (R) (video)

9:20 Highlight: Technical and Socio-Economic Challenges of Good Mobile Connectivity in Remote Arctic Regions

- Mr. Jaap van de Beek, Chair Professor, IEEE Fellow, Luleå University of Technology (confirmed)

9:40 Panel III: Navigation & Connectivity at Arctic Seas

The commercial shipping activities in the Arctic are increasing. With more than 60 ships-of-opportunity approaching e.g. the Canadian Arctic next summer and with more than 30 expedition cruise liners under construction, we will see an increased activity at Arctic seas. How can we best ensure situational awareness in the remote Arctic waters? How can new (satellite) technology serve the shipping industry? And what can we learn from those already operating in the Arctic?

Moderator: Tero Vauraste, AEC Chair (confirmed)

- Mr. Yoshikazu Kawagoe, Senior Managing Executive Officer, Mitsui O.S.K. Lines Ltd. (confirmed)
- Mr. Sakawa Genki, Weathernews (confirmed)
- Mr. Evgeniy Ambrosov, Senior Executive Vice President/Chief Operating Officer, Sovcomflot (confirmed)
- Mr. Russell Gould, Managing Director, Kelvin Hughes Ltd. (confirmed)
- Dr. Sung-woo Lee, Director General of Port and Logistics Research Division, Korea Maritime Institute (confirmed)
- Mr. Kazuhiko Aoki, Executive Officer, Assistant Unit President and General Manager of New Business Promotion Division Space and Satellite Business Unit, J-SAT

11:25 Highlight

- **Professor Natsuhiko Otsuka, Hokkaido University:** Future Arctic Shipping – sea route connecting Europe and Asia (confirmed)

11:40 Closing remarks



- Mr. Harri-Mäki-Reinikka, Ambassador, Senior Advisor for Northern Policies and Secretary General for Finland's Arctic Advisory Board, Finland
- Anu Fredrikson, Director, AEC Secretariat

12:00

Lunch

Venue: Hotel Mystays Sapporo Aspen