

# NORWAY-JAPAN SPACE SEMINAR

COOPERATION IN SPACE SCIENCE, TECHNOLOGY,  
INDUSTRY AND POLICY

October  
**2nd - 3rd**  
2024



## ABOUT THE SEMINAR

The space seminar will raise awareness among both the Norwegian and Japanese authorities about our cooperation, common interests, and future opportunities for joint space activities.

## OCTOBER 2ND

Norwegian – Japanese space collaboration in the spotlight

Emerging challenges in the space domain and prospects for reinforced NO-JP partnerships

Space as a strategic asset

The Future of Norway-Japan Space Collaboration

## OCTOBER 3RD

Space science and sounding rockets

Maritime Domain Awareness

Leveraging space through industrial cooperation

Organized by:



In partnership with:



Norwegian Embassy  
Tokyo

Sponsors:



KONGSBERG

# WEDNESDAY OCTOBER 2ND

09.30	<b>REGISTRATION AND COFFEE/TEA</b>
10.00 - 10.30	<b>WELCOME AND INTRODUCTION</b> <b>Welcoming Words</b> Kristin Iglum, Ambassador of Norway to Japan <b>Welcome Talks</b> Christian Hauglie-Hanssen, Norwegian Space Agency (NOSA) & Hiroshi Yamakawa, President, Japan Aerospace Exploration Agency (JAXA) <b>Keynote: Space Collaboration Between Norway &amp; Japan - a Historic Overview</b> Pål Brekke, NOSA
10.30 - 11.15	<b>NORWEGIAN - JAPANESE SPACE COLLABORATION IN THE SPOTLIGHT</b> <b>Working together. Connecting Space &amp; Ground: The Norway - JAXA Relationship.</b> Rolf Skatteboe, President and CEO KSAT & Kenneth Olafsson, Representative Director KSAT Japan, Head of KSAT Asia <b>JAXAs Space Science Activities</b> Hitoshi Kuninaka, JAXA <b>Space Geodesy &amp; its Value to Satellite Missions</b> Per Erik Opset, Norwegian Mapping Authority
11.15	<b>COFFEE BREAK</b>
11.45 - 12.50	<b>Hinode - a Successful Japan-Norway Collaboration</b> Taro Sakao, JAXA <b>JAXA Sounding Rockets Launching From Norway</b> Yoshifumi Saito, JAXA <b>Current Status of ALOS-4, JAXA's Earth Observation Satellite</b> Satoko Miura, JAXA <b>Leveraging JAXA's ALOS-2/4 Earth Observation Satellite Data to Address R&amp;D &amp; Governmental Needs in Norway: From Landslides to Arctic Sea Ice.</b> Tom Rune Lauknes, NORCE
13.00	<b>LUNCH</b>
14.00 - 15.30	<b>EMERGING CHALLENGES IN THE SPACE DOMAIN AND PROSPECTS FOR REINFORCED NO-JP PARTNERSHIPS</b> <b>SStrengthening the Posture of Space Security and Expanding Cooperation with the Commercial Partners</b> Kenji Minami, Deputy Director General, Project Management (Aerial Systems), Department Project Management, ATLA, Japan Ministry of Defense <b>Norwegian position on climate &amp; sustainability action - the Arctic in focus</b> Ole Morten Olsen, NOSA <b>Space Sustainability [Title TBC]</b> Aya Imawato, Astroscale <b>Opportunities within Maritime surveillance and defense</b> Arne Gjennestad, KDA <b>Panel Discussion</b>
15.30	<b>COFFEE BREAK</b>
16.00 - 17.00	<b>SPACE AS A STRATEGIC ASSET</b> [Title TBC] Professor Kazuto Suzuki, Tokyo University <b>Norway's Approach to a Joint Space Program</b> Christian Hauglie-Hanssen, NOSA <b>Andøya Space - Status for Norway and Europe's New Spaceport</b> Ketil Olsen, Andøya Space <b>JP TBD [Government]</b> TBD
17.0 - 18.00	<b>PANEL DISCUSSION: THE FUTURE OF NORWAY-JAPAN SPACE COLLABORATION</b>
18.00	<b>RECEPTION</b>

## PANEL PARTICIPANTS INCLUDE:

Christian Hauglie-Hanssen (NOSA), Benedicte Løseth (RCN), Rolf Skatteboe (KSAT), Riko Oki (JAXA), Jumpei Iseki (SKY Perfect JSAT).

# THURSDAY OCTOBER 3RD

09.00	<b>REGISTRATION AND COFFEE/TEA</b>
09.30 - 09.45	<b>OPENING OF THE 2ND DAY</b> <b>Recap of Day 1</b> Christian Hauglie-Hanssen, NOSA <b>Expectations for Day 2</b> Simon Flack, Innovation Norway
09.45 - 11.45	<b>SPACE SCIENCE AND SOUNDING ROCKETS</b> <b>Grand Challenge - Solar Max</b> Kolbjørn Blix, Andøya Suborbital <b>Plasma Observation by SS520-3 Sounding Rocket</b> Kazushi Asamura, JAXA <b>NUCLEUS - a Norwegian Sounding Rocket Success Story</b> Bastien Haemmerli, NAMMO <b>Collaborative research between Norway and Japan based on EISCAT &amp; EISCAT 3D</b> Yasunobu Ogawa, NIPR <b>Norwegian Probes on Japanese Sounding Rockets: Plasma Structuring Studied With the SS-520-3 Sounding Rocket</b> Wojciech J. Miloch, UiO <b>Examples for Japan-Norway Collaborations in Space Research: MXD2 &amp; EISCAT</b> Ingrid Mann, UiO <b>Ground-Based Optical Observations in Norway</b> Keisuke Hosokawa, Univ Electro-Communications <b>Japan-Norway Collaboration on Radiation Detection for Astronomy &amp; for Safety on Earth</b> Gunnar Maehlum, IDEAS
11.45	<b>LUNCH BREAK</b>
12.45 - 14.15	<b>MARITIME DOMAIN AWARENESS</b> <b>[Title TBD]</b> Takashi Ogai, IHI <b>[Title TBD - VDES Norwegian activities]</b> Hans Christian Guren, Space Norway / Einar By, Kongsberg Discovery <b>Blue Justice</b> Ole Morten Olsen, NOSA <b>[Title TBD - VDES]</b> Takayoshi Fukuyo, ArkEdge <b>Integrated Maritime Surveillance</b> Takayoshi Fukuyo, ArkEdge <b>Panel discussion</b>
14.15	<b>COFFEE BREAK</b>
14.30 - 15.50	<b>LEVERAGING SPACE THROUGH INDUSTRIAL COOPERATION</b> <b>Spectrum - Your Small Satellite Launch Option from Norway</b> ISAR <b>Norwegian Green Propulsions Solutions for Launchers &amp; In-Space Applications</b> Kristian Lium, NAMMO <b>[Title TBD]</b> Masayasu Ishida, Co-Founder, President and CEO, SPACETIDE Foundation <b>"Society 5.0"</b> TBD <b>Panel Discussion</b>
15.50 - 16.00	<b>CLOSING REMARKS</b> By Christian Hauglie-Hanssen (NOSA) and representative from the Norwegian Embassy [TBC]
16.00	<b>NETWORKING</b>

## PANEL PARTICIPANTS INCLUDE:

Maja-Stina Ekstedt (KSAT/NIFRO), Monica Ahyee (Innovation Norway, Nordland), Yuya Nakamura (Axelspace), Masayasu Ishida (SPACETIDE Foundation).