

EISCAT_3D Norway Newsletter

Newsletter Introduction

This newsletter is released every 3 months and covers recent space science contributions and developments involving the Norwegian EISCAT community. If you wish to be included in the mailing list for the newsletter distribution, please use the contact details at the bottom of the page.

EISCAT_3D Update

Work is progressing with the commissioning of the EISCAT_3D system. A presentation on the status was provided at the EISCAT_3D User Meeting in May. The slides from this presentation can be found at the following link:

https://www.space.irfu.se/workshops/E3D_User2024/

International EISCAT Radar School

Dear Colleagues,

The International EISCAT Radar School will be held August 12–16, 2024, at the Kilpisjärvi Biological Station in Finland. The school in 2024 is organized by UiT The Arctic University of Norway and the international EISCAT Scientific Association.

Website:

https://uit.no/tavla/artikkel/842864/eiscat_radar_school_2024

Best regards,
The Organizing Committee

Devin Huyghebaert (UiT, Norway)
Thomas Ulich (EISCAT)
Ingrid Mann (UiT, Norway)
Yasunobu Ogawa (NIPR, Japan)

EISCAT Norway Radar Time Allocation

The following dates are the application deadlines to apply for radar time through the Norwegian time allocation.

70% of time is available for the **Feb. 1, 2024** deadline
30% of time is available for the **Sept. 14, 2024** deadline

For more information, please refer to:
<https://uit.no/eiscat3dnorway>

EISCAT Symposium 2024

The EISCAT Symposium 2024 is hosted by UiT The Arctic University of Norway and will start on July 29, 2024. There are over 100 participants registered with presentations on a wide range of topics regarding the upper atmosphere and ionosphere of the Earth. For those unable to attend, it is planned to be able to watch the conference presentations through an online stream. More information on the streaming setup will be released in the future.

Conference website:

https://uit.no/tavla/artikkel/830164/eiscat_symposium

Venue: UiT The Arctic University of Norway campus, Tromsø, Norway

Dates: July 29 - August 2, 2024

Local Organizing Committee at UiT:

Björn Gustavsson
Devin Huyghebaert
Inger Solheim
Ingrid Mann

ISSI Team Awarded for ISR Textbook

Prof. Lisa Baddeley (UNIS), Dr. Lindsay Goodwin (NJIT) and Dr. Gareth Perry (NJIT) will lead an ISSI Working Group entitled 'Incoherent scatter - An invaluable tool in the field of space and plasma physics' with the aim of creating a definitive textbook which covers all aspects of incoherent scatter radar (ISR) techniques, theory and applications with particular relevance to the fields of space and atmospheric physics. The textbook will be in the form of a volume in ISSI's Scientific Reports series. Several researchers in Norway are also on the working group and we will reach out to the wider community for your valuable input and assistance. We expect there to be 2 -3 meetings, the first meeting will be in Spring / Summer 2025 with the publication expected within a few years.

Studietur Nord at ESR

A group with Studietur Nord visited the EISCAT Svalbard Radar (ESR) on Sunday morning, June 23, 2024. There were nearly 30 people visiting ESR for about two hours. They were from universities, research institutes, companies, and ministries from both mainland Norway and Svalbard. Presentations were made about EISCAT, the Kjell Henriksen Observatory (KHO), and UNIS activities.



EISCAT Svalbard tour by
Trond Sandmo and Espen Helgesen
Photo credit: Mikko Syrjäsuo



KHO and UNIS presentation by Noora Partamies
Photo credit: Mikko Syrjäsuo

Recent EISCAT Norway Publications

Tanaka, Y., Ogawa, Y., Kadokura, A., Aso, T., Gustavsson, B., Brändström, U., Sergienko, T., Ueno, G., and Saita, S.: Application of generalized aurora computed tomography to the EISCAT_3D project, *Ann. Geophys.*, 42, 179–190, <https://doi.org/10.5194/angeo-42-179-2024>, 2024

Future International EISCAT_3D Meetings

Information about EISCAT and EISCAT_3D User Meetings is distributed via the mailing list moderated by EISCAT. To subscribe, email listmaster@eiscat.se. A Slack account is also organized for EISCAT_3D Discussions. To receive an invitation for the Slack channels, email channelmaster@eiscat.se.

Questions, Suggestions, Changes?

The next newsletter will be released in September, 2024. If there are any questions about EISCAT_3D, suggestions for the format of this newsletter, or changes that should be implemented, please let us know with the contact information at the bottom of the page. Thank you.