

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 Symposium 2024 - Abstract

Submission

The deadline for abstract submissions to the joint 21st International EISCAT Symposium 2024 and 48th Annual European Meeting on Atmospheric Studies by Optical Methods has been extended to April 14, 2024.

Abstract submissions can be submitted through the conference website located at:

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

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

Dates: July 29 - August 2, 2024

A notice will be sent once registration opens.

Sincerely,

Local Organizing Committee at UiT:
Björn Gustavsson, Devin Huyghebaert, Inger Solheim, Ingrid Mann

EISCAT Peer Reviewed Radar Time

Application

EISCAT provides the opportunity for the international space science community to apply for radar time through a peer reviewed programme. Note that this is a different pool of potential radar time that Norwegian researchers can apply for in addition to the nationally allocated radar time. The deadline for Applications is May 1, 2024.

More information is available at:

<https://eiscat.se/scientist/schedule/eiscat-peer-reviewed-program/>

International EISCAT_3D User Meeting

The next International EISCAT 3D User meeting will be held on May 14-15, 2024 in Uppsala, Sweden.

More information on the meeting can be found at:

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

International EISCAT Radar School

Registration

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 and Registration:

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

Registration Deadline:

There are limited spots available, so it is recommended to register early. No registration deadline is currently assigned.

More information can be found on the website.

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>

SCOSTEP Space Science Comics

Translated to Norwegian

TGO has translated the Space Science Comic Books available through SCOSTEP into Norwegian. Drawings are by famous Japanese artist, Hayanon. The translation work has been performed mainly by Ieva Juskenaitė and Andrea Løkke, and supervised by myself. Comic books are available here:

<https://scostep.org/space-science-comic-books/>

Happy reading!

Magnar

New Hires in EISCAT Norway Space Science

Dr. Andreas Sæther Skeidsvoll

Researcher at University of Bergen

Part of the Dynamit ERC Consolidator Grant led by Dr. Karl M. Laundal

Lena Mielke

Ph.D. Student at UNIS

Supervisor: Dr. Katie Herlingshaw

Recent Successful Ph.D. Defences

Dr. Michael Madelaire

Title: The Ionospheric Current System and its Temporal Evolution during Rapid Solar Wind Dynamic Pressure Increases

Date: March 4, 2024

Supervisor: Dr. Karl M. Laundal

Affiliation: University of Bergen

Dr. Lisa M. Buschmann

Title: Ionospheric plasma structuring at high latitudes. Studies with in-situ measurements by sounding rockets and satellites

Date: March 8, 2024

Supervisor: Professor Wojciech J. Miloch

Affiliation: University of Oslo

Dr. Simon Walker

Title: Deciphering Spatio-Temporal Variations in the Auroral Ionosphere using Magnetometer Data

Date: March 22, 2024

Supervisor: Dr. Karl M. Laundal

Affiliation: University of Bergen

Congratulations everyone!

Successful Funding Proposals

Title: **EISCAT_3D-Based Reconstruction of Ionosphere-Thermosphere Electrodynamics**

PI: **Dr. Spencer Hatch**

Institute: University of Bergen

Programme: Researcher Project for Young Talents

Funding Agency: Research Council of Norway

Title: **Aurora-like fragments: From fascinating discovery to understanding**

PI: **Dr. Katie Herlingshaw**

Institute: UNIS

Programme: Researcher Project for Young Talents

Funding Agency: Research Council of Norway

Congratulations to both successful proposals!

Svalbard Aurora Chasing Blog

A new blog by Dr. Katie Herlingshaw about research involving interesting and strange aurora features has been recently created. To follow along and learn about aurora chasing on Svalbard, the blog website can be found at: <https://svalbardaurorachasers.wordpress.com/>

Recent EISCAT Norway Publications

Madhanakumar, M., Spicher, A., Vierinen, J., & Oksavik, K. (2024). On the strength of E and F region irregularities for GNSS scintillation in the dayside polar ionosphere. *Journal of Atmospheric and Solar-Terrestrial Physics*, 106197. DOI: <https://doi.org/10.1016/j.jastp.2024.106197>

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 June, 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.