



INTERNATIONAL GLACIOLOGICAL SOCIETY

International Symposium on Radioglaciology



Tübingen, 6–11 September 2026

Co-sponsored by:

 University of Tübingen

 Alfred Wegener Institute/Helmholtz Centre

FIRST CIRCULAR

June 2025

<https://radioglaciology2026.guz.uni-tuebingen.de/>



The International Glaciological Society is pleased to announce the upcoming International Symposium on Radioglaciology, which will take place in the historic and picturesque city of Tübingen, Germany. This symposium will bring together researchers, practitioners and stakeholders from across the globe to discuss advancements, challenges and applications in the field of radioglaciology, working from the smallest scales of ice crystals on Earth all the way to interplanetary bodies.

We invite you to join us for this exciting gathering to share knowledge, foster collaboration, and explore the latest developments in the use of radio-frequency techniques to study glaciers, ice sheets and their dynamic interactions with the Earth and other systems.

SYMPOSIUM THEMES

The symposium will focus on the following thematic areas:

1. **Radar and Radio-Frequency Techniques in Glaciology**

- Advancements in radar technologies and methodologies
- Radar imaging, interferometry, and tomography for glacier and ice-sheet studies

2. **Physical Properties of Ice and Subglacial Materials**

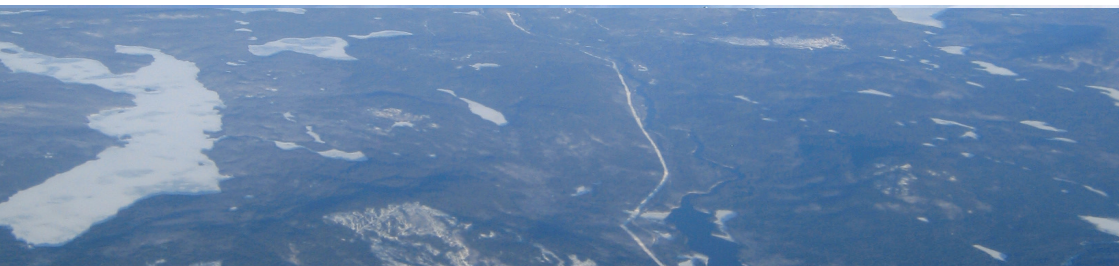
- Electromagnetic properties of ice and subglacial environments
- Field and laboratory studies of ice microstructure and composition

3. **Ice Dynamics and Processes**

- Radar-based observations of ice flow and deformation
- Detection of basal processes, hydrology, and subglacial topography

4. **Remote Sensing and Large-Scale Applications**

- Spaceborne and airborne radio-echo sounding techniques
- Long-term monitoring of ice sheets and glaciers





5. Climate Change and Cryospheric Interactions

- Impacts of climate change on glacier dynamics and radar signal interpretation
- Contributions of radioglaciology to understanding global sea-level change

6. Emerging Technologies and Techniques

- Machine learning and data fusion in radar analysis
- Novel approaches to data collection, interpretation, and visualization.

ABSTRACT SUBMISSION

We welcome submissions from researchers, students and professionals. Abstracts should address one or more of the symposium themes. Abstract submission opens in February 2026 and submission guidelines will be available on

<https://radioglaciology2026.guz.uni-tuebingen.de/>

The Council of the IGS has decided to publish a thematic issue of the *Annals of Glaciology* on topics consistent with the Symposium themes (Radioglaciology). Participants and nonparticipants alike are encouraged to submit manuscripts for this *Annals* volume. A call for abstracts will be issued in the Second Circular.

VENUE

The symposium will take place at the University of Tübingen, a leading institution in geosciences research. With its charming medieval architecture and vibrant cultural scene, Tübingen offers an inspiring setting for scientific exchange.

The conference will take place in our newly built Geo and Environmental Science Centre (GUZ) as a single venue (plenary, poster and breakout sessions, workshops, etc.), easily accessible with public transport (bus, 15 min), by bike (20 min uphill, 10 min downhill) or on foot (40 min) from the city centre. A variety of food options will be available during the week from the nearby university cafeteria.

Online streaming of talks will be available.

Tübingen can be reached on the European train network (via Stuttgart from Munich, Frankfurt, Innsbruck, Strasbourg, Paris; via Zürich). Nearest airports are Stuttgart (STR, 1h), Frankfurt/Main (FRA, 2.5h), Munich (MUC, 3.5h) and Zürich (ZRH, 3h).



KEY DATES

- Abstract submission opens: February 2026
- Abstract submission deadline: May 2026
- Notification of acceptance: June 2026
- Early registration deadline: June 2026
- Symposium dates: 6–11 September 2026

REGISTRATION AND ACCOMMODATION

Details on registration fees, accommodation options, and travel arrangements will be provided in the Second Circular. Early Career Scientists can apply for limited funding support.

CONTACT AND UPDATES

For inquiries and updates, please visit the symposium website:

<https://radioglaciology2026.guz.uni-tuebingen.de/>

You may also contact the organizing committee at:

igs2026-radioglaciology@geo.uni-tuebingen.de

We look forward to welcoming you to Tübingen for this stimulating scientific exchange!

Sincerely,
The Organizing Committee
International Symposium on Radioglaciology
International Glaciological Society

Photo: Barbara Honner

