



SEISMIX 2024

Uppsala, Sweden: 24-28 June

3rd Circular, 2023-12-07

Seismix 2024: The 20th International Symposium on Deep Seismic Profiling of the Continents and their Margins

Monday 24 June to Friday 28 June, 2024

Uppsala University, Uppsala, Sweden



General information

On behalf of the Department of Earth Sciences at Uppsala University we would like to cordially invite you to participate in the 20th edition of the International Symposium on Deep Seismic Profiling of the Continents and their Margins (SEISMIX 2024). The symposium is a continuation of the series first hosted by Cornell University in 1984 and will be held in the university city of Uppsala from Monday 24 June to Friday 28 June 2024. A 7-day field trip will be arranged following the symposium that includes visits to locations where important seismic profiles have been acquired, as well as natural points of interest.

Uppsala, a city of about 250,000 inhabitants, is located about 70 km north of Stockholm and is highly influenced by the over 50,000 registered students at the university. Uppsala University was established in 1477, the first in the Nordic countries. Well known people that have been active at the university include Anders Celsius, Carl Linnaeus and Anders Ångström. The weather should be pleasant in late June (but no guarantees) and the evenings will be long. The latter should encourage discussions into the wee hours after the talks and posters. The Department of Earth Sciences will host the oral and poster presentations. Lunch will be provided at the department. Other meals and accommodation will need to be arranged by participants in order to keep costs down for those on a tight budget. Housing costs vary from about 60 Euro to 200 Euro per night depending upon



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location and level of service. An icebreaker and conference dinner is included in the registration fee.

Important Dates

- Early bird registration and abstract submission opens: 2 January 2024
- Abstract submission closes: 1 March 2024
- Abstract acceptance notifications: 15 March 2024
- Early bird registration closes: 2 April 2024
- Field trip registration closes: 15 April 2024
- Late registration closes: 15 May 2024.
- Symposium: 24-28 June 2024 .
- Post-conference field trip: 29 June to 5 July 2024

Symposium registration costs

Registration opens on 2 January 2024 with the fees given below. Registration includes coffee, daily lunch, icebreaker and conference dinner. Note that if paying via invoice that the fee must have been received within 2 weeks of the closing data.

Early bird: 6000 SEK (c. EUR 530 including VAT)

Late registration: 7000 SEK (c. EUR 620 including VAT)

Student (up to and including PhD): 3500 SEK (c. EUR 310 including VAT)

Post-conference field trip: 12500 SEK (c. 1080 EUR including VAT)

Exchange rate as of 7 December 2023 (www.ecb.europa.eu)

Symposium Program

The SEISMIX Symposium is unique in the way that it brings together geoscientists from around the world in a quest to investigate the interior of the Earth using the latest technologies, to unite active and passive source-imaging communities and those who study the Earth from the near surface to exploration scale and down to the continental scale. As usual, there will be a single session for oral presentations (no parallel sessions) and ample time allocated for poster presentations. We also anticipate a number of keynote presenters (TBA). The conference topics will include, but are not strictly limited to:

- Passive continental margins (structure and processes)
- Active continental margins (structure and processes)
- Intra-continental deformation, collision and accretion
- Continental rifts and sedimentary basins
- The continental lithosphere
- Novel seismic imaging and inversion methods



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- Mineral exploration seismics, integration with other geological and geophysical data
- Active and passive seismic interferometry
- Seismic imaging for earth hazards, CCS, gas storage, geothermal energy and near-surface applications
- New developments and advances in DAS applications
- Big data issues: machine learning and artificial intelligence

Abstract submission

Abstract submission will be handled through the Symposium web page:

www.seismix2024.se/abstracts

Abstracts must be submitted as WORD document in the predefined abstract submission template. Abstracts may not exceed one page. During submission, authors are asked to select one of the topics listed above. Preference for oral/poster, topic and presenting author should be included in the body of the e-mail when the abstract is submitted. Presenting authors can submit only one abstract with a preference for oral presentation. There is no such limitation for poster presentations. Authors will be notified about their abstract acceptance and form of presentation by 15 March 2024.

Accommodation

Various options for accommodation are available in Uppsala. These include:

- Elite Hotel Academia: c 170 Euro/night
- Grand Hotell Hörnan: c. 140 Euro/night
- Akademihotellet: c. 110 Euro/night
- Uppsala Hotel Apartments: c. 80 Euro/night
- Uppsala City Hostel: c. 60 Euro/night

If you need help in identifying accommodation please contact the organizers at: info@seismix2024.se

Travel information

Stockholm Arlanda International airport (www.swedavia.com/arlanda) is located about 35 km south of Uppsala with frequent connections to the city. The airport train is an 18-minute ride from the airport station to Uppsala central station. The airport bus to Uppsala central station (number 801) takes slightly longer, but is cheaper and leaves directly from the Terminals. Buses run frequently from the central station to locations throughout Uppsala. Railway connections include intercity connections from Europe and daily night trains from Berlin/Hamburg, with a change in Stockholm, which is about 40 minutes by train from Uppsala.



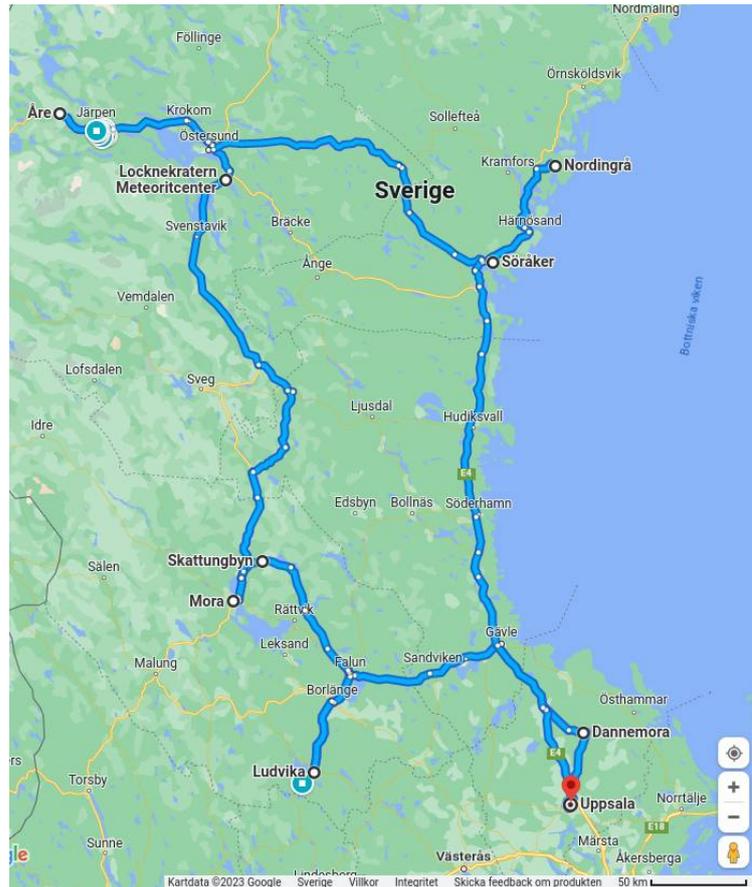
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Post-conference field trip

The post-conference field trip fee is NOT INCLUDED in the conference registration fee. Cost for the excursion is 12500 SEK and includes all lodging (6 nights), breakfasts, lunches and 3 dinners. Cost for the remaining 3 dinners will need to be covered by participants at local restaurants. Sites related to seismic investigations to be visited include the Siljan Ring area where the reflective dolerite sills were drilled, the Ludvika area where extensive seismic investigations have been performed for mining purposes and the Swedish Caledonides, the site of two c. 2.5 km deep scientific boreholes.



Sites of a more touristic nature include the high coast area north of Sundsvall, the Falun copper mine, and the Lockne impact crater.

The tentative schedule for the field trip is as follows:

29 June: Depart Uppsala with visits to the Dannemora and Ludvika mining sites. Stay overnight in Ludvika.

30 June: Depart Ludvika with Visits to the Falun Copper mine and the Siljan Ring. Stay overnight in Mora.

1 July: Depart Mora with visit to the Lockne impact crater and continuing to Åre. Stay overnight in Åre.

2 July: Visits to sites in the Åre area connected to the Collisional Orogeny in the Scandinavian Caledonides (COSC) project.

3 July: Depart Åre and driving to the high coast area with stops along the way. Stay overnight in Söråker.

4 July: Visit sites in the Nordingrå area of the high coast.

5 July: Depart Söråker for Uppsala with visit to the Bollnäs post-glacial fault.



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Contact and correspondence:

All correspondences related to the conference organization, including accommodation, travel, and technical content should be addressed to: info@seismix2024.se

All correspondences related to the post conference field trip should be addressed to: fieldtrip@seismix2024.se

All correspondences related to registration should be addressed to: reg.seismix2024@akademikonferens.se

Sponsorship:

Organizations interested in helping to sponsor the symposium please contact Christopher Juhlin at christopher.juhlin@geo.uu.se.

Journal special issue:

A special of issue of conference papers for interested presenters will be organized.

Organizing committee:

Christopher Juhlin

Bjarne Almqvist

Maria Ask

Ayse Kaslilar

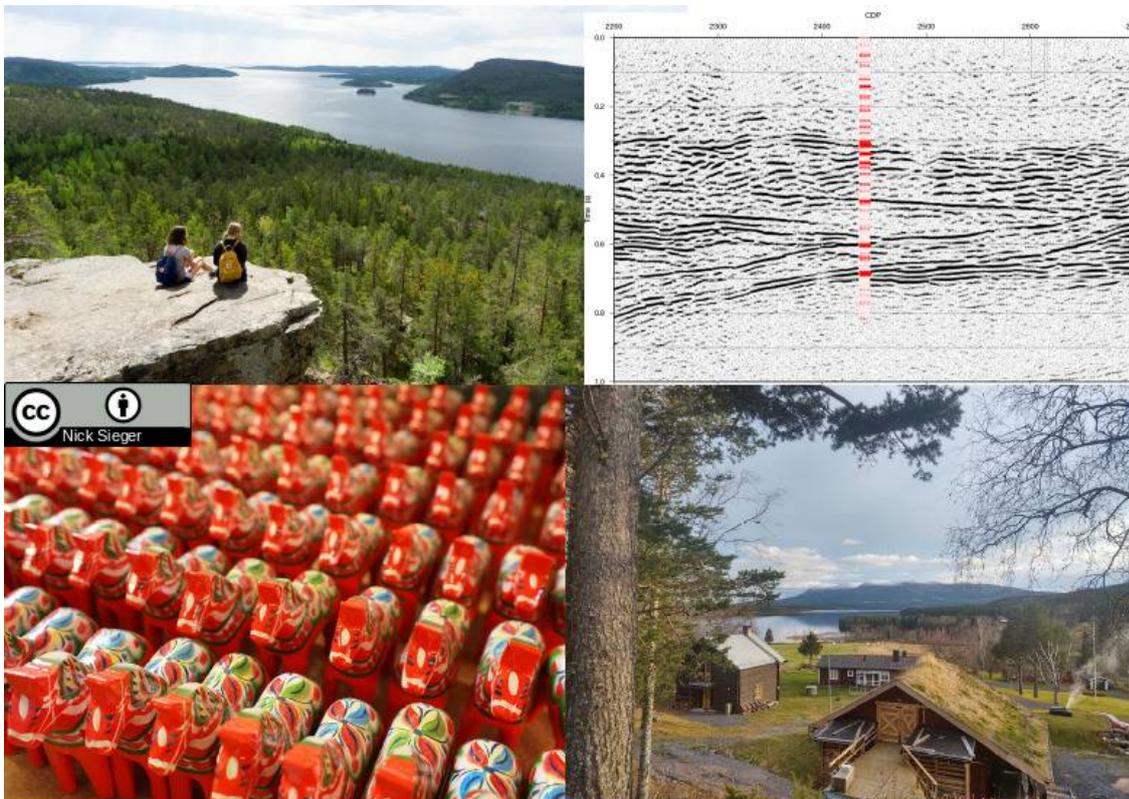
Henning Lorenz

Alireza Malehmir

Roland Roberts

Christian Schiffer

Ari Tryggvason



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