

The joint 2020 Nordic Seismology and Nordic EPOS Seminar Program

Time slots are given in CEST (see e.g.: <https://time.is/CEST>)

Wednesday, September 30:

Nordic Seismology Seminar

13.00-13.05 Peter Voss: Welcome

EPOS and the Nordic region

Chair: Peter Voss

13.05-13.20 Annakaisa Korja: Nordic EPOS

13.20-13.35 Kuvvet Atakan: EPOS-N Project

Seismological networks and monitoring

Chair: Trine Dahl-Jensen

13.35-13.50 Michael Roth: The Swedish National Seismic Network - Status 2020

13.50-14.05 Andreas Köhler: NORSAR's new array deployments in 2019 and 2020

14.05-14.20 Christian Weidle: Overview of recent network developments in northernmost Germany

14.20-14:35 Lars Ottemöller: Updates from the Norwegian National Seismic Network

14.35-14:50 Dmitry A. Storchak, James Harris, Domenico Di Giacomo and Kathrin Lieser: Rebuild of the Bulletin of the International Seismological Centre (ISC)

14.50-15:05 Morten Sickel: State of Health monitoring at NORSAR

15.05-15:20 Tuija Luhta and Toni Veikkolainen: Status of the FNSN network

15.20-15:35 Peter Voss: News from the seismological network in the Kingdom of Denmark

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15.35-15.40 Trine Dahl-Jensen: Earthquakes Greenland

15.40-15.42 Peter Voss: See you tomorrow

Thursday, October 1:

09.00-09.05 Peter Voss: Welcome

Best practice discussions on Data Management

Chair: Jan Michalek

09:05 - 09:10 Opening/welcome - Nordic-EPOS Training session - Sharing best practices on Data Management - K. Atakan and Jan Michalek

09:10 - 09:25 Data Management: Introduction

09:25 - 09:30 Open discussion - Questions

09:30 - 10:00 Round-table short presentations on current status of Data Management practices in Nordic countries

10:00 - 10:20 Kuvvet Atakan: Data Management: The EPOS example

10:20 - 10:35 Open discussion - wrapping up

Break

Best practice discussions on FAIRness of the infrastructures

Chair: Kuvvet Atakan

11:00-11:20 Kuvvet Atakan and Jan Michalek: Best practice discussions on FAIRness of the infrastructures

11:20-11:40 Keith Jeffery: FAIR principles

11:40-12:00 Daniele Bailo: Technical requirements of FAIR

12:00-12:30 Discussion of current status in Nordic countries

Break

EIDA knowledge transfer

Chair: Tommi Vuorinen

13:00-13:15 Jan Michalek: EIDA knowledge transfer

13:15-13:45 Discussion EIDA knowledge transfer

QuakeML service/tools

Chair: Tommi Vuorinen

13:45-13:55 Christian Rønnevik: QuakeML service/tools

13:55-14:05 Discussion QuakeML service/tools

Presentations/discussions related to the Nordic cooperation, CTBTO, etc.

Chair: Tine B. Larsen

14:05-14:20 Björn Lund: The upcoming European Seismic Hazard Model

14:20-14:35 Discussion on the upcoming European Seismic Hazard Model

Presentations on research results.

Chair: Tine B. Larsen

14:35-14:50 Jan Michalek: Demo of the EPOS-N Portal

14:50-15:05 Helga Sandve: Demo of the EPOS ICS Data Portal

15:05-15:20 Kostas Lentas, Dmitry A. Storchak and James Harris: The CTBTO link to the ISC database

15.20-15.25 Peter Voss: See you tomorrow

Friday, October 2:

09.00-09.05 Peter Voss: Welcome

Presentations on research results.

Chair: Päivi Mäntyniemi

09:05-09:20 Trine Dahl-Jensen: Monitoring at Stenlille Gas Storage

09:20-09:35 Ann-Sophie G. Sølund: Glacial and tectonic Earthquakes in Disko Bay, Greenland – a comparison

09:35-09:50 Päivi Mäntyniemi, Mathilde B. Sørensen, Ruben E. Tatevossian: Earthquake environmental effects and pre-1905 earthquakes in northern Europe

09:50-10:05 M.B. Sørensen, P. Mäntyniemi, T. S. Haga, T.N. Tatevossian, R.E. Tatevossian and B. Lund: Earthquake-triggered landslides in Norway, and a reassessment of the 1819 Lurøy earthquake

10:05-10:20 Peter Schmidt: (M)SIL – recent updates and operation at the Swedish National Seismic Network, SNSN

Break

10:45-11:00 Zaher Hossein Shomali: Real-time global/local seismicity monitoring done in SNSN using SC3, SC4

11:00-11:15 Kristín Jónsdóttir and colleagues at IMO: Unrest on the Reykjanes Peninsula 2020

11:15-11:30 Hanna Blanck: Using seismicity to map fractures i Hengill, SW-Iceland

11:30-11:45 Annukka Rintamäki: Monitoring induced seismicity related to geothermal energy in Finland.

11:45-12:00 Tine B. Larsen, Peter Voss, Trine Dahl-Jensen, Sigridur Kristjansdottir, Joana Esteves Martins: Advanced epicenter determination using NonLinLoc. Preliminary results from the GeoERA HIKE project

12:00-12:03 Peter Voss: Closing remarks

12:03-12:06 Kristín S. Vogfjörð: Important announcement

Nordic EPOS Council Meeting

13:00-15:00

Chair: Annakaisa Korja

List of participants:

Annakaisa Korja, University of Helsinki
Päivi B Mäntyniemi, University of Helsinki
Niina M Junno, University of Helsinki
Kati Oinonen, University of Helsinki
Marja Uski, University of Helsinki
Tuija Luhta, University of Helsinki
Tommi Vuorinen, University of Helsinki
Katriina Arhe, University of Helsinki
Toni Veikkolainen , University of Helsinki
Ahti Voutilainen, University of Helsinki
Jennifer Hällsten, University of Helsinki
Tahvo Oksanen, University of Helsinki
Annukka Rintamäki, University of Helsinki
Jari Kortstrom, University of Helsinki

Ari Lukkarinen, CSC - IT Center for Science Ltd.

Björn Lund, University of Uppsala
Michael Roth, University of Uppsala
Zaher Hossein Shomali, University of Uppsala
Peter Schmidt, University of Uppsala
Niranjan Joshi, University of Uppsala
Karin Berglund, University of Uppsala

Berit Paulsen, NOR SAR
Andreas Köhler, NOR SAR
Jon Magnus Christensen, NOR SAR
Morten Sickel, NOR SAR
Tormod Kvaerna, NOR SAR

Kristín S. Vogfjörð, IMO
Tryggvi Hjörvar, IMO
Davíð Steinar Guðjónsson, IMO
Benedikt Halldórsson, IMO
Tim Sonnemann, IMO
Gunnar Gudmundsson, IMO
Sigurlaug Hjaltadóttir, IMO
Hanna Blanck, IMO
Kristín Jónsdóttir, IMO
Claudia Abril López, IMO

Kuvvet Atakan, University of Bergen
Mathilde B. Sørensen, University of Bergen
Lars Ottemøller, University of Bergen
Helga Kristine Sandve Indrøy, University of Bergen
Jan Michalek, University of Bergen
Christian Rønnevik, University of Bergen
Berit Marie Storheim, University of Bergen

Keith Jeffery, EPOS-ERIC IT-team
Daniele Bailo, EPOS-ERIC IT-team

Dmitry Storchak, International Seismological Centre (ISC)
Konstantinos Lentask, International Seismological Centre (ISC)

Christian Weidle, Christian-Albrecht University of Kiel

Zoya Zarifi, Equinor

Sigríður Kristjánsdóttir, ISOR Iceland GeoSurvey

Þorbjörg Ágústsdóttir, ISOR Iceland GeoSurvey

Esteves Martins, J.C. (Joana), TNO

Aochi Hideo, BRGM

Ruben Tatevosyan, The Schmidt Institute of Physics of the Earth of the Russian Academy of Sciences, Russia

Heidi Soosalu, Tallinn University of Technology

Tine B. Larsen, GEUS

Trine Dahl-Jensen, GEUS

Nicolai Rinds, GEUS

Malene Bryde-Auken, GEUS

Thomas Funck, GEUS

Søren Gregersen, GEUS

Ann-Sophie Soelund, GEUS

Marie Keiding, GEUS

Peter Voss, GEUS

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