2-day Beginner Elmer/Ice course
23rd and 24th Oct 2017,
Stockholm University, Stockholm, Sweden

Location (see map and directions at the end of the document)

Geoscience Building, room #U 28
Campus Frescati
Stockholm University

Program

Monday, 23rd Oct 2017
9:00-9:30 Arrival of the participants at University of Stockholm (see map)
9:30-9:45 Welcome words by Nina Kirchner, general announcements
9:45-10:30 Introduction on Elmer/Ice (OG)
10:30-11:00 Coffee break
11:00-12:00 Toy flow-line model: basic diagnostic (TZ)
12:00 Lunch
13:00-15:30 Toy flow-line model: thermo-mechanical coupling (TZ)
15:30-16:00 Coffee break
16h00-17h30 Toy flow-line model: sliding, prognostic runs (TZ)

Tuesday, 24th Oct 2017
9:00-10:00 Tête Rousse context (OG)
10:00-10:30 Tête Rousse setup and diagnostic (OG)
10:30-11:00 Coffee break
11:00-12:00 Tête Rousse prognostic (OG)
12:00 Lunch
13:00-14:30 SSA prognostic (OG)
14:30-15:00 Coffee break
15:00-17:00 Questions on your own modelling

Presenters:

Thomas Zwinger (CSC, Espoo, Finland)
Olivier Gagliardini (IGE UGA CNRS, Grenoble, France)

Local organiser committee:

Nina Kirchner (University of Stokholm, Stockholm, Sweden)

Sponsors:

Labex OSUG@2020
eScience tools for investigating climate change (eSTICC)
Bolincentre for Climate Research, Stockholm University
CSC
IGE UGA / CNRS

Organisation:

The participation is free of charge. The participants have to organise and pay their travel and their stay in Stockholm. eSTICC is covering the fees for the travel of Thomas Zwinger and the labex OSUG@2020 is covering the fees for the travel of Olivier Gagliardini. All participants are

expected to bring their own laptop with Elmer (and Elmer/Ice), including the elmerf90 (demands working Fortran-compiler) utility, installed on it. Installation instructions are to be found the Elmer/Ice wiki. You will also need gmsh and paraview tools for the course.
WIFI will be available in the room but you will need EDUROAM to connect. If you do not have access to EDUROAM, please let Nina Kirchner (nina.kirchner@natgeo.su.se) know such that she can arrange a guest account.
A virtual appliance that can be run in VirtualBox (https://www.virtualbox.org/) has been set up. It can be downloaded here (please read the Readme1st.txt file before installing, needs a host with minimum 2GB free RAM, dual core 64-bit CPU and about 20 GB disk). It has a working Elmer/Ice already installed.
The material and presentation used during the course will be downloaded from the Elmer/Ice wiki (not yet online).

List of Participants

Amundson, Jason (University of Alaska Southeast, sabbatical in Helsinki)
Bernhard, Luzi (Swiss Federal Research Institute WSL, Hydrological Forecasts)
Compagno Loris (ETHZ)
Gourdon, Aurélie (ENS Lyon, France)
Helanow, Christian (Department of Physical Geography, Stockholm University)
Holmes, Felicity (Stockholm University)
Irarrázaval, Iñigo (Université de Lausanne)
Korsgaard, Niels (University of Helsinki)
Lippl, Stefan (University Erlangen-Nürnberg)
Maier, Nathan (University of Wyoming)
McCarthy, Mike (Scott Polar Research Institute, British Antarctic Survey)
Tetzner Dieter (Cambridge University / British Antarctic Survey)
Thomson, Laura (Department of Earth Sciences, Simon Fraser University)
Wenqing, Zhao (Beijing Normal University)

Directions

The best way to reach the University campus Frescati is using Metro services from Stockholm downtown. Take the red line in direction of Mörby centrum.
Stops: at the station "Universitetet" (the T mark on the map below).
From there, it is a few minutes walk to the U building (Geoscience building)
The course will take place in the room #U 28.