Beginner Elmer/Ice course
2nd and 3rd Nov 2015, CIC, NBI, Copenhagen, Denmark

Location (see map at the end of the document)
Center for Ice and Climate
Niels Bohr Institute
University of Copenhagen
Juliane Maries Vej 30,
DK-2100 Copenhagen, Denmark
room RF061 (ground floor)

Program
Monday, 2nd Nov 2015
8:30-9:00 Arrival of the participants at CIC

9:00-9:15 Welcome by Christine Hvidberg (CIC), general announcements

9:15-9:45 Introduction Elmer/ice (OG)

9:45-10:00 Coffee break

10:00-12:00 Toy flow-line model - Part 1: basic diagnostic (TZ)

12:00 Lunch (on own expenses)

13:00-14:30 Toy flow-line model - Part 2: thermo-mechanical coupling, sliding (TZ)

14:30-15:00 Coffee break

15:00-17:00 Toy flow-line model - Part 3: prognostic runs (TZ)

19:00 - Dinner (on own expenses - place to be specified)

Tuesday, 3rd Nov 2015
9:00-10:00 Real world glaciological modelling in Elmer/Ice: Tête Rousse (OG)

10:00-10:30 Using User Defined Functions (TZ)

10:30-10:45 Coffee break

10:45-12:00 Tête Rousse setup and diagnostic (OG)

12:00 Lunch (on own expenses)

13:00-14:30 Tête Rousse prognostic (OG)

14:30-15:00 Coffee break

15:00-17:00 Do your own stuff and ask a lot of questions...

Presenters:
Thomas Zwinger (CSC, Espoo, Finland)
Olivier Gagliardini (LGGE UGA / CNRS, Grenoble, France)

Local organiser committee:
Christine Hvidberg (CIC, NBI, Univ. Copenhagen, Copenhagen, Denmark)

Sponsors:
Labex OSUG@2020
Center for Ice and Climate
CSC
LGGE UGA / CNRS

Organisation:
The participation is free of charge. The participants have to organise and pay their travel and their stay in Copenhagen. The labex OSUG@2020 is covering the fees for the venue and the travel costs of Thomas Zwinger and Olivier Gagliardini. All participants should bring their own laptop with Elmer (and Elmer/Ice) and a C, C++ and Fortran 90 compilers (with emphasis on Fortran) installed on it. Installation instructions are to be found the Elmer/Ice wiki.

A virtual appliance that can be run in VirtualBox has been set up. It can be downloaded here (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 and include the material and presentations that will be used during the course.

For those having Elmer/Ice installed locally on their laptop, the material and presentation will be downloaded from the Elmer/Ice wiki (not yet online).

List of Participants
Songtao Ai, Norvegian Polar Institute, Tromsø, Norway (Visitor, from Wuhan University, China)
Sophie Berger, Labo Glacio ULB, Brussels, Belgium
Nestor Campos, University of Madrid, Madrid, Spain
Emiliano Cimoli, DTU, Copenhagen, Denmark
Sarah Cooley, SPRI, Cambridge, UK
Armaury Dehecq, Univ Savoie, Annecy, France
Christopher Gerbi, University of Maine, Orono, USA
Noora Haavisto, Univ Helsinki, Helsinki, Finland
Lea Hartl, IGF, Innsbruck, Austria
Christine Hvidberg, CIC, NBI, Copenhagen, Denmark
Muhammad Hafeez Jeofry, Imperial College London, London, UK
Nicolas Jourdain, LGGE CNRS / UGA, Grenoble, France
Nanna Karlsson, NBI, Copenhagen, Denmark
Marat Kashafutdinov, NTNU, Trondheim, Norway
Nina Kirchner, Stockholm University, Stockholm, Sweden
Rémy Mercenier, University of Zurich, Zurich, Switzerland
Nicholas Rathmann, CIC, NBI, Copenhagen, Denmark
Donald Slater, University of Edinburgh, Edinburgh, UK
Anne Solgaard, CIC, NBI, Copenhagen, Denmark
Matt Trevers, Bristol Glaciology Center, Bristol, UK
Eef van Dongen, Utrecht University, Utrecht, Nederlands
Yan Yajing, Univ Savoie, Annecy, France