

9th Elmer/Ice users meeting 7 December 2022 – Zoom

Few rules for Zoom

- We intentionally chose Zoom meeting over webinar, such that people can share screen and unmute by themselves. Hence a few rules:
 - Keep your microphone off when not speaking
 - Ask questions through the chat or indicate a question by raising your virtual hand
 - Having or not the camera switched on depends on your own network quality (but nice for speakers to see few faces listening to them!)
- **IMPORTANT:** The **meeting will be recorded** and published on ElmerFEM's YouTube channel:
 - By attending you automatically give your consent
 - We can cut the video before publishing – if you feel that certain parts should be removed before that, let us know

Program

- 5:00-5:15 Olivier Gagliardini (IGE): Some introduction words
- 5:15-5:30 Yiliang Ma (Beijing Normal University): Sensitivity of Totten Glacier to basal sliding laws and sub-shelf melt rates
- 5:30-5:45 Iain Wheel (Saint Andrews University): Investigating 3D calving dynamics in Elmer
- 5:45-6:00 Fabien Gillet-Chaulet (IGE): Updates on ElmerIce-Sheet configurations
- 6:00-6:15 Clara Henry (Max Planck Institute for Meteorology): Derwael Ice Rise: Comparing the three-dimensional modelled stratigraphy of an ice rise to observed internal radar horizons
- 6:15-6:30 small break (coffee, beers, etc...)
- 6:30-6:45 Cyrille Mosbeux (IGE): On the effect of Damage in the Amundsen Sea Sector
- 6:45-7:00 Peter Raback (CSC): Evolution of List operations in Elmer with examples related to ice flow
- 7:00-7:15 Cruz Garcia Molina (IGE): On the contribution to CALMIP, the calving inter-comparison project
- 7:15-7:30 Rob Law (SPRI): Basal melting and moderately complicated box models
- 7:30-7:45 Thomas Zwinger (CSC): Stabilization scheme of free surface problems
- 7:45-8:00 Discussions / Conclusions
- 8:00 end of the meeting

Elmer/Ice users meetings

Last Elmer/Ice users meetings:

- Sixth Elmer/Ice Users Meeting - Remotely 13th May 2020
- Seventh Elmer/Ice Users Meeting - Remotely 5th October 2020
- Nothing in 2021!
- Eight Elmer/Ice User Meeting - Remotely 2nd February 2022

Objective is to have 2 per year...

Next one certainly during EGU 2023

Elmer/Ice courses

Last Elmer/Ice beginner courses:

- Remote course 23-27 November 2020
- 2-day beginner course in Oslo (Norway), 8 & 9 November 2021
- 2-day beginner course at Univ. Uppsala, 24 & 25 October 2022

Objective is to have one beginner course per year

Next one somewhere next autumn?

Current structuration / animation (tools for)

- Elmer/Ice website
 - Try to have an updated list of the Elmer/Ice related publications
 - News for new publication, course, etc...
 - Information relative to new events (courses)
- Elmer/Ice wiki
 - Documentation of solvers, user functions, tools, configurations,...
 - Courses material
- Elmer/Ice forum (*114 topics since 2013*)
- Elmer/Ice mailing list (*80 members*)
- Elmer/Ice beginner courses (*at least one per year since 2011*)
- Elmer/Ice Users Workshop (*9 since 2013*)
- @ElmerIce1 on Twitter (*96 tweets, 292 subscribers*)

Elmer/Ice Developer's committee (DevComm)

- created in June 2022
- Josefin Ahlkrona (Stockholm Univ., Swedish), Samuel Cook (UNIL, Switzerland), Peter Raback (CSC, Finland), Olivier Gagliardini (IGE, France), Fabien Gillet-Chaulet (IGE, France), Rupert Gladstone (Arctic Centre, University of Lapland, Finland), Thomas Zwinger (CSC, Finland)

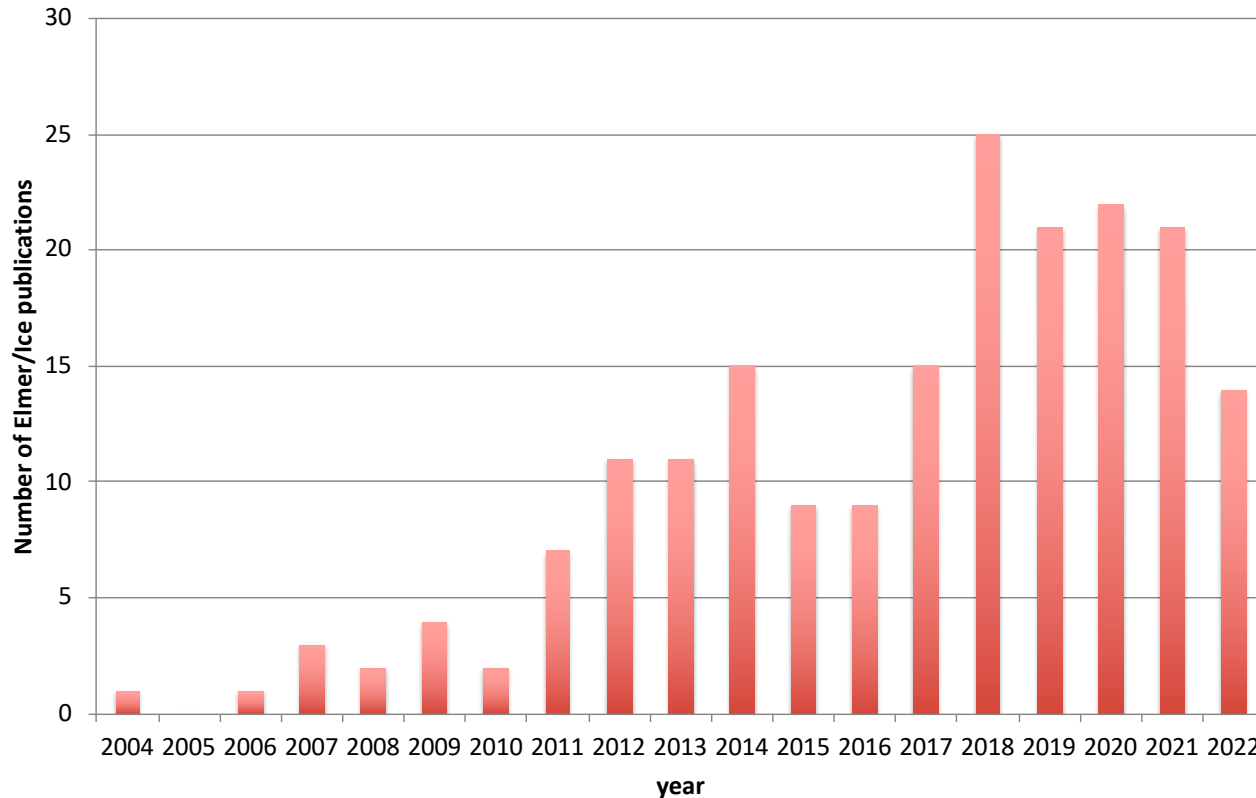
The responsibilities of the DevComm are (see <http://elmerice.elmerfem.org/users-community>) :

- DevComm meet once or twice yearly to co-ordinate developments
- User representative (Rupert) responsible for collecting user feedback
- Coordinate developments across the entire Elmer/Ice community
- Reviewing pull requests made to the main Elmer/Ice GitHub repository

→ This users meeting is yours and the place for DevComm to collect your feedbacks

Elmer/Ice applications

193 publications using Elmer/Ice since 2004



Let us know when you have a new publication accepted!
Check if your publications are in the list!

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send us the pdf of your presentation to put on the wiki!