

Journée Scientifique de l'ITES UMR 7063, OSU EOST **Recherches polaires et en milieux froids** **Research on polar and cold regions**

Vendredi 16 Décembre 2022

Amphi 2, 1 rue Blessig, Strasbourg

Format hybride : participation également possible sur / hybrid format

<https://bbb.unistra.fr/b/ren-7p1-3om-ihd>

Presentation program *

9:00 Study of polar ice caps and coastal glacier dynamics with seismology: preliminary results from the Astrolabe glacier in Terre Adélie and the Greenland ice sheet at EastGrip drilling site.

Dimitri Zigone, D. Zigone, E. Pearce, C. Groult, A. Maggi, O. Eisen, G. Barruol, F. Provost, A. Fichner, C. Hofstede, C. Hibert, E. Le Meur & J-P. Malet.

9:25 Icy secrets & radar revelations

Olaf Eisen, Glaciology, Alfred-Wegener-Institut, Helmholtz-Zentrum für Polar- und Meeresforschung, USIAS Fellow at ITES

09:50 Du Gondwana au Groenland : séquences de déglaciation d'«hier» à «aujourd'hui»

Jean-François Ghienne

10:15 pause

10:30 Seismicity in Kerguelen and melting of the Cook icecap (TBC)

O. Lengliné, D. Zigone & coauthors

10:55 Astrolabe glacier and satellite imagery (TBC)

Jean-Philippe Malet

11:20 Reconstructing the ice calving history in Greenland from seismology and machine learning

Emilie Pirot, Clément Hibert, Anne Mangeney

11:45 Gravity variations in polar regions - Constraints on post-glacial rebound and present-day ice melting

Jean-Paul Boy, Jean-Daniel Bernard & Anthony Mémin.

12 :10 fin.

Pot de Noël de l'EOST / EOST Christmas meal, salle du musée / collections de paléontologie, sous-sol, 1 rue Blessig

** Présentation format: 15-20 min + 5-10 min interactions. The presenting author name is in italics. For info, Aude Chambodut will at some other date present the magnetic observatories and related research activities in Antarctica, Dumont Durville and Concordia. AC is busy with national INSU activities on Dec 16th.*