



SCAR Sub-Group

SG

Person
Responsible:

IPICS

PS

Tas van
Ommen

SCAR Executive Committee Meeting 2019

Plovdiv, Bulgaria, 29-31 July 2019

International Partnership in Ice Core Sciences (IPICS) 2018-19 Report

Optional additional information

General activities

IPICS activities since POLAR2018 Davos

Outreach, communication and capacity-building activities

Activities have proceeded in accordance with projected plans in SCAR Delegates report of 2018.

The IPICS outreach and capacity-building is increasingly focusing on planning for its Third Open Science Conference which is scheduled to take place at Crans-Montana, Switzerland on October 18-23, 2020. This will include a strong emphasis on support for early career researchers (ECRs) and a one-day ECR meeting organized by the ICYS (Ice Core Young Scientist) group.

During 2018 IPICS reached agreement from EGU for a special issue in the form of collected papers on the theme "*Oldest Ice: finding and interpreting climate proxies in ice older than 700 000 years*". This special issue is a continuing inter-journal collection across three EGU journals (TC/CP/ESSD). This is a valuable central source for literature relevant to the IPICS Oldest Ice initiative that was not recorded in Davos reporting as it occurred close to the time of POLAR2018.

Significant developments in the community centre around the Oldest Ice Project itself, with announcement of EU funding of the Beyond EPICA Oldest Ice (BE-OI) consortium, and detailed planning and site selection activities within BE-OI.

Major field activities include continued drilling for the EGRIP project and Oldest Ice site selection/assessment activities at Dome C and Dome F.

Updates for your group's SCAR web page

Nil

Notable Papers

A number of papers are accessible at the EGU Special Issue noted above. Two of these papers are highlighted here below.

Sutter, J., Fischer, H., Grosfeld, K., Karlsson, N.B., Kleiner, T., Van Liefferinge, B., Eisen, O., 2019. Modelling the Antarctic Ice Sheet across the Mid Pleistocene Transition - Implications for Oldest Ice. *The Cryosphere Discuss.* 2019, 1-24.

Van Liefferinge, B., Pattyn, F., Cavitte, M.G.P., Karlsson, N.B., Young, D.A., Sutter, J., Eisen, O., 2018. Promising Oldest Ice sites in East Antarctica based on thermodynamical modelling. *The Cryosphere* 12, 2773-2787.

Other information for publicity purposes

Nil

Any other information or issues you would like to raise

Nil