



INSTANT NEWS

July 2022

Dear INSTANTers,

To fill “**INSTANT NEWS**” we encourage you to keep us posted about your activities, your observational campaigns, your outreach events, etc... 🧑🌍🌐

INSTANT THEME 1 activities

New Webminar

 July 17 **July 6th - 19:00 UTC** ⌚

“Reconstructing Antarctic hydroclimate over the Common Era from ice core records and climate models using data assimilation.”

Quentin Dalaiden
Université Catholique de Louvain – UCLouvain



🌐 Zoom link: contact [Liz Thomas](#) or [Alessandro Silvano](#) to get the link

Watch previous webinar:

[Tale of a multi-disciplinary Antarctic Campaign on board R/V Laura Bassi](#)

INSTANT THEME 2 activities

☀️ **KICK-OFF** ☀️

[Antarctic Geothermal Heat Flux](#) Sub-committee

 July 17 **July 7th - 7:00 - 8:00 am UTC** ⌚

🧑🌍 [Register here](#)

Agenda:

1. Why a GHF sub-committee under Theme 2?
2. Collaboration and overlap with other subcommittees and themes within INSTANT and beyond.
3. Work packages.
4. Seminar series.
5. Reporting from Cermak7 geothermal heat flow meeting in Potsdam and links with the global heat flow community.
6. Planning of workshop 2023 (suggested July, in connection to GIA summer school in Sweden, TBC)
7. SCAR OSM side meeting.
8. Research updates: feel free to share a slide or two if you like!
9. Other questions and comments.

 Contacts: Tobias Staal (tobias.staal@utas.edu.au)

INSTANT HIGHLIGHT

☀️ INSTANT INTERNATIONAL CONFERENCE 2023 ☀️

We are pleased to announce the first international conference of the SCAR INSTANT Programme!!

 **September 11-14, 2023**

 **In person** 🎉

 **Trieste, Italy**

SAVE THE DATE!!

More info soon!

First circular: September 2022



UPCOMING CONFERENCES

 [WRCP Sea Level Conference](#) - July 12-16 (Singapore)

 [Palsea Meeting](#) - July 17-20 (Singapore)

 [Cryosphere 2022 Conference](#) - August 21-26 (Reykjavik, Iceland)

SCAR OSC 2022

☀️ INSTANT WORKSHOP ☀️

The aim is:

- to gather the community  during the Business week of [SCAR OSC](#)
- present what is going on ultimately in [INSTANT](#)
- discuss with **YOU!**



To cover the maximum time zones, we will run two identical sessions (**UTC times**):

 **July 27th**  19:00 - 21:00 UTC (more info about registration soon)

 **July 28th**  06:30 - 08:30 UTC ([link provided by SCAR OSC conference](#) - Business week)

Register to the SCAR OSC conference to attend INSTANT workshop!

 **Contacts:** Tim Naish (Timothy.Naish@vuw.ac.nz) & Flo Colleoni (fcolleoni@ogs.it)

INSTANT HIGHLIGHT

☀️ SCAR OSC 2022 ☀️

 **Free Registration** 

Spread the news!  

Visit the SCAR OSC 2022 [website to register!](#)



INSTANT PUBLICATIONS

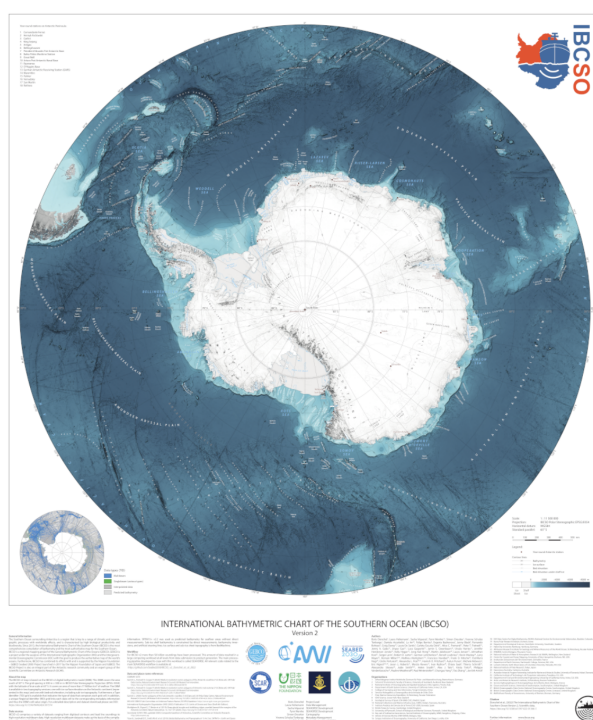
 **Geomorphology and shallow sub-sea-floor structures underneath the Ekström Ice Shelf, Antarctica.**
 Oetting, A., Smith, E. C., Arndt, J. E., Dorschel, B., Drews, R., Ehlers, T. A., Gaedicke, C., Hofstede, C., Klages, J. P., Kuhn, G., Lambrecht, A., Läuffer, A., Mayer, C., Tiedemann, R., Wilhelms, F., and Eisen, O.: The Cryosphere, 16, 2051–2066, (2022) <https://doi.org/10.5194/tc-16-2051-2022>, 2022.

📖 Circling Antarctica to unveil the bed below its icy edge. 🧑🏫 Matsuoka, K., R. Forsberg, F. Ferraccioli, G. Moholdt, and M. Morlighem (2022), *Eos*, 103, (2022) <https://doi.org/10.1029/2022EO220276>.

INSTANT HIGHLIGHT

🌟 IBCSO version 2 🌟

International Bathymetric Chart of the Southern Ocean Version 2 (IBCSO v2). doi:
[10.1038/s41597-022-01366-7](https://doi.org/10.1038/s41597-022-01366-7)



This is a massive converging effort of the international southern ocean community
Data collected by 20 countries and over 80 organizations contributed to it!

INSTANT PICTURE

📷 Xiaopeng Fan

🌐 Larsemann Hills near Zhongshan Station, East Antarctica
- March 2022

⚙️ DTH drilling operation to install a temperature chain in the borehole aiming at geothermal heat flux estimates.



SEND US PICTURES OF YOUR ACTIVITIES!

We need to populate our [website](#) and our news!!

Send your pictures to: scarinstant@gmail.com

COMMUNICATE YOUR NEWS!

INSTANT communication team is:

Simone VECCHI - Webmaster

Tim & Flo

Please send your news at: scarinstant@gmail.com



[SCAR INSTANT website](#)