

INSTANT
INSTABILITIES & THRESHOLDS IN ANTARCTICA

INSTANT NEWS

June 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 ECRs FELLOWSHIPS

☀️ We have the pleasure to announce the ECRs recipients of [SCAR INSTANT Fellowships](#):



Kenza Himmich

"Understanding past and future changes in Antarctic sea ice seasonality"



Xiaoxia Huang

"Imprints of the early glaciations on the George V Land continental shelf: insights for long-term evolution of the East Antarctic Ice Sheet"



Sally Cheuk Ying Lau

"Reconstructing past grounded ice extent over time around Wilkes Land margin, East Antarctica, using animal genomes"



Luciana Shighara Lima

"Impacts of freshwater supply on the coastal dynamics of the Antarctic Peninsula"



Amila Sandaruwan Ratnayake

"Teleconnection between Antarctic melting history and sea-level changes, in the Indian Ocean"

Congratulations to all applicants for the excellent projects submitted to this fellowship!

INSTANT THEME 1 activities

New Webminar


 July 17 June 15th - 19:00 UTC 

"Tale of a multi-disciplinary Antarctic campaign onboard R/V Laura Bassi"

Florence Colleoni & Laura De Santis

[OGS](#), Italy.



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

Watch previous webinar:

["An overview of the Chronology and Proxies Subcommittee and a biostratigraphic framework for the Southern Ocean"](#)

INSTANT THEME 2 activities

KICK-OFF

[Antarctic geological Boundary Conditions \(ABC\)](#) Sub-committee

The meetings (repetition on two different time zones 🕒):

- Meeting 1: 6pm UTC on June 8th
- Meeting 2: 3am UTC on June 9th

* Registration by June 1st: <https://forms.office.com/r/iNuSdSddR6>

👥 Contacts: Stewart Jamieson (Stewart.Jamieson@durham.ac.uk) or Mickey Mackie (emackie@ufl.edu)

INSTANT HIGHLIGHT

🌟 RINGS Action Group - WORKSHOP 🌟

📊 “First International Workshop on Antarctic RINGS” 🌍



Where: Tromsø (Norway) & online

📅 27-30th June

💻 More information [here](#)

📄 Preliminary [program](#)

👥 Contacts: [Kenichi Matsuoka](#)

UPCOMING CONFERENCES

🌐 [IGS Conference](#) - 5-10 June (Bilbao, Spain)

👉 **Dr. Catherine Ritz**
INSTANT member recipient of
the 2020 Seligman Cristal 🌟



🌐 [UN Ocean Conference](#) - June 27 - July 1 (Lisbon, Portugal)


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

 [The Cryosphere Conference](#) - (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 sessions:

 **July 27th**  17:00 - 19:00 UTC

 **July 28th**  07:00 - 09:00 UTC

[More info soon on how to register to attend the workshop](#)

INSTANT HIGHLIGHT

☀️ 2022 PALSEA meeting ☀️

 **“Paleo sea level and ice sheets for Earth’s future”** 

Where: **HYBRID** - online and in Singapore


 17-20th July

 More information at: www.palsea2022.org

 Contacts: [Natasha Barlow](#) and [Alessio Rovere](#)

INSTANT PUBLICATIONS

 Decadal-scale onset and termination of Antarctic Ice Sheet mass loss during the last deglaciation.

 Weber, M. E., Golledge, N.R., Fogwill, C.J., Turney, C., and Thomas, Z.A. – *Nature Communications*

12(1), 6683, (2021) <https://doi.org/10.1038/s41467-021-27053-6>.

📖 **Decoupled dust deposition and ocean productivity in the Antarctic zone over the last 1.5 Ma.** 🧑🧑
Weber, M.E., Bailey, I., Reilly, Hemming, S., Martos, Y.M., Reilly, B.T., Ronge, T., Brachfeld, an co-authors
– *Nature Communications* 13, 2044, 1-18, (2022) <https://doi.org/10.1038/s41467-022-29642-5>.

INSTANT PICTURE

📷 Katharina Hochmuth

🌐 Oregon State University Marine and Geology Repository
- May 23th -27th

🎓 ❄️ 🏠 [GLacial Sedimentation School \(GLASS\)](#):
“Interpreting past climate using Antarctic and Greenland sediment cores”



SEND US YOUR 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:

Yasmina COLE - communication manager

Simone VECCHI - Webmaster

Tim & Flo

Please send your news at: scarinstant@gmail.com



[SCAR INSTANT website](#)