



Tentative program (23 February 2022)

Dates: 27-30 June, 2022

Venue: Malangen Resort

(<https://www.malangenresort.com/>)

The workshop is partially open for online participants.

- Talks are broadcasted and online participants are able to ask questions.
- Online participants are encouraged to submit their posters, which will be printed and presented during the workshop. All posters are presented again in an online follow-up meeting during the SCAR Open Science Conference 1-10 August.
- Discussion-based sessions are not broadcasted, but summaries will be presented for additional discussion at the online meeting during the SCAR OSC.
- Registration for the online participation is open until 25 June (<https://forms.gle/JtNfs2N37ntn36by6>). However, the registration of online poster presenters is open until 1 June.

Discussion will be made only with onsite participants, and we hope that recent improved pandemic situations will allow many people to travel to Norway in June.

- All onsite participants are required to arrive at Tromsø by the night of 26 June.
- After the workshop, the earliest possible flight out of Tromsø that the participants can take is SK4417 (scheduled time of departure: 1400) on 30 June.
- Registration for the onsite participation is open until 10 April (<https://forms.gle/tgDAVKBpPXS1KhGf7>). **Registration is needed for those who had registered for the earlier March workshop.**

## Monday 27 June

The venue is about 90 minutes by bus from downtown Tromsø. Group transportation will be arranged.

- 1100 – 1130    Opening remarks
- 1130 – 1230    **Session 1: Keynote address** (40 min + 20 min Q/A, **broadcasted**)
- 1230 – 1330    Lunch (poster setup)
- 1330 – 1530    **Session 2: Pieces for RINGS** (15 min talk + 5 min Q/A for each, **broadcasted**)  
(1) bed topography, (2) surface mass balance and satellite observations, (3) models, (4) geophysical potential fields, (5) data assimilation and management, and (6) COMNAP
- 1530 – 1615    break (check-in to accommodation)
- 1615 – 1715    **Session 3: An interactive wall-map discussion on theme 1 “Articulating the RINGS science questions”**  
(1) seaward ring, (2) primary ring, and (3) landward ring
- 1715 – 1815    **Session 4: Wrapping up the theme-1 discussion** (report from each ring and overall discussion)
- 1815 –         **Session 5: Poster introduction** (2 min each, **broadcasted**) followed by poster session
- 1930 –         Welcome dinner

## Tuesday 28 June

- 0900 – 1020    **Session 6: Looking around Antarctica, ongoing and planned surveys in the coastal regions** (10 min each, no Q/A, **broadcasted**)  
(1) Alfred Wegener Institute, (2) Australian Antarctic Division, (3) Polar Research Institute of China, (4) Polar Marine Geosurveys Expedition, (5) Univ. Texas, (6) NASA, (7) The International Thwaites Glacier Collaboration, and (8) British Antarctic Survey

- 1020 – 1100    **Session 7: Emerging tools** (10 min each, no Q/A, **broadcasted**)  
(1) Bedmap3, (2) OpenPolarRadar, (3) Drone radar, and (4) Offshore surveys

===== END OF BROADCASTED/RECORDED PORTIONS OF THE WORKSHOP =====

- 1100 – 1200    Poster viewing
- 1200 – 1330    Lunch break (lunch start at 1230 after people walk to Camp Nikka)
- 1330 – 1500    **Session 8: Group discussion on theme 2 “Agreeing the RINGS survey and analysis protocols”**  
(1) seaward ring, (2) primary ring, and (3) landward ring
- 1500 – 1600    **Session 9: Wrapping up the theme-2 discussion** (report from each ring and overall discussion)
- 1600 – 1630    Snack break at Camp Nikka

Outdoor activities (tbd)  
1900 – Buffet dinner

### **Wednesday 29 June**

0900 – 1000 **Session 10: Revisiting themes 1 and 2**

1000 – 1030 **Session 11: Group discussion on theme 3 “Implementing the RINGS protocols: connecting rings in regions” session 1 of 2**  
(1) East Antarctica, (2) Ross and Amundsen Embayment, (3) Antarctic Peninsula and Weddell Embayment, (4) Pan-Antarctic

1030 – 1100 Break

1100 – 1200 **Session 12: Group discussion on theme 4 “Inquiring the RINGS protocols: tools”**  
(1) data management, (2) logistics and aviation, (3) marine and submarine instruments, (4) airborne instruments, (5) computer models, and (6) satellites

1200 – 1300 **Session 13: Wrapping up the theme-4 discussion** (report from each tool and overall discussion)

1300 – 1400 Lunch

1400 – 1530 **Session 14: Panel discussion “Lessons from previous projects”**

1530 – 1600 Break

1600 – 1700 **Session 15: Group discussion on theme 3 “Implementing the RINGS protocols: connecting rings in regions” session 2 of 2**

1700 – 1800 **Session 16: Wrapping up the theme-3 discussion** (report from each region and overall discussion)

1900 – Gala dinner at Camp Nikka

### **Thursday 30 June**

0900 – 1000 **Session 17: Revisiting links between science, protocols and implementations**

1000 – 1030 **Session 18: Outreach**

1030 – 1100 Closing remarks

Transportation back to Tromsø (and Tromsø Airport) and lunch will be arranged.