



Council of Managers of National Antarctic Programs

**30th ANNUAL GENERAL MEETING
AND 18th SYMPOSIUM**

10-14 June 2018 | Garmisch-Partenkirchen, Germany



COMNAP Symposium 2018

Call for Abstracts

Abstract Submission Form

Abstract submission deadline: 15 March 2018

“Facilitation of Internationally
Collaborative Antarctic Science”

Thursday 14 June 2018

“Facilitation of Internationally Collaborative Antarctic Science”

Context

COMNAP is the international association, formed in 1988, which brings together its Members, who are the national Antarctic programs.

All national Antarctic programs are involved in the facilitation of science in the Antarctic region and they provide support to science in a wide range of ways and means. The COMNAP Antarctic Roadmap Challenges (ARC) project reaffirmed that continuing and enhancing cooperation in the spirit of the Antarctic Treaty remains a high priority, and a necessity, to meet the challenges of delivering the science requirements in the Antarctic in the mid- to long-term future.

Facilitation of science in the Antarctic has always been challenging with large, multi-national and multi-disciplinary science projects coming with their own set of challenges.

The Symposium will draw on the outcomes of the ARC project and on sharing information and ideas in support of the delivery of internationally collaborative research projects.

- A half day/morning session will be devoted to “The International Partnerships in Ice Core Sciences (IPICS) project – The Oldest Ice Core”.

A project to obtain from Antarctica a reliable ice core record of climate and biogeochemistry extending through several of the 40,000 year cycles and up to the present. IPICS consists of ice core scientists, engineers, logisticians, and drillers from laboratories and national Antarctic programs. The goal is to drill and recover an ice core in the Antarctic containing a one million year record of Earth’s climate. Such a core can only be obtained in Antarctica and only through the science support, operations, and logistics provided by collaboration of national Antarctic programs.

- A half day/afternoon session will also be devoted to other topics that require international collaboration as identified in the ARC to facilitate the science. Through this half day, it is hoped that new internationally collaborative science support arrangements can be initiated or expanded and advanced.

These include, but are not limited to, addressing communications and information technology challenges, provision of science support to understand climate system interactions, sub-sea ice marine water surveys using traditional and innovative technologies, establishing “super-sites”, meaning providing operations and logistics in support of international teams often in rapidly changing areas of the Antarctic for cross-disciplinary research, and exploring and strengthening regional alliances and partnerships.

Purpose

The objective of the Symposium is to support COMNAP Member National Antarctic Programs in their role as facilitators of Antarctic science and to provide a forum to aid the conversations between scientist and the science support community.

Keynote Speaker

The morning Symposium session will be opened with a keynote address by Professor Heinz Miller, Helmholtz Professor for Glaciology, Chair of the Scientific and Technical Council for *Polarstern II*, and former COMNAP Chairman (2011–2014).

Session themes & topics (Oral and Poster)

- a. Providing ship and aircraft support to multi-disciplinary science projects
- b. The role permanent Antarctic infrastructure plays in supporting large-scale, multi-national science projects
- c. Developing and deploying innovative and autonomous technologies in support of science projects
- d. The role of traversing in support of international research teams
- e. Addressing communications and information technology challenges
- f. Provision of science support to understand climate system interactions
- g. Sub-sea ice marine water surveys using traditional and innovative technologies,
- h. Establishing “super-sites”, meaning providing short-term operations and logistics in support of international teams often in rapidly changing areas of the Antarctic for cross-disciplinary research
- i. Exploring and strengthening regional alliances and partnerships
- j. Pre-planning stages, the work in advance of large-scale science operations in the Antarctic
- k. Learning from, and building on, the experiences of historical international science projects

Symposium Review Committee

Uwe Nixdorf, Symposium Convener (AWI and COMNAP Vice Chair)

Robb Clifton (AAD)

Chen Danhong (CAA)

Felix Bartsch (INACH)

Key Dates 2018

- ✓ 15 January 2018: First Circular
- **15 February:** **Call for Abstracts (Oral presentations and posters)**
- 15 March: Deadline for Abstracts
- 1 April: Selection of Abstracts/Speakers
- 1 June: Full Paper or Extended Abstract Submission
- 14 June: Symposium
- Late 2018: Publication of Symposium Proceedings

Abstract Submission Form

To submit an abstract for consideration for a poster or oral presentation for the Symposium, fill in this form (2 pages) and email it before 15 March 2018 to sec@comnap.aq or uwe.nixdorf@awi.de. It must be completed in English and provided in a form that can be edited (for example OpenOffice or MS Word format – NOT in PDF or JPG). For more details on the AGM and Symposium, see: <https://www.comnap.aq/SitePages/AGM2018.aspx>

General Information	
Title, Authors and Associated Programme	
Proposed Title of Presentation/Poster:	
Presenter/ Lead Author:	
Presenter/Lead Author Contact email:	
National Programme:	
Any Other Author(s)/Co-authors:	

Themes & Topic	
Symposium Topic Under Which You Submit This Proposal	
For morning session on IPICS: The search for “Oldest Ice” (yes or no)	
For afternoon session (yes or no)	
Session theme (from list on previous page):	
Other session theme (specify here your proposal theme):	

Type of Communication	
How you propose to give this communication (Tick)	
Oral presentation (with full paper for the Symposium Proceedings)	
Poster (the abstract will appear in the Symposium Proceedings)	

Abstract

Please provide in half a page a summary description of your proposed presentation/poster.