



4th International Ross Sea Symposium Naples 03-07 July 2023

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Theme

The Ross Sea has been the site of extensive investigations since the earliest days of polar exploration. Three Ross Sea conferences were held in Italy in the 1990s and early 2000, providing an overview of the regional state of the art. While many features of its oceanography, ecology, physics, glaciology, geology, and biogeochemistry are known, recent advances provide new insights into its structure and function, as well as its importance on global scales. This international symposium aims to resume the traditional meeting of the scientific community studying the Ross Sea and to provide a venue for recent advances from models, observations, experiments, remote sensing and other means. It also is intended to assess information regarding climate variability and change, as well as the key mechanisms and interactions that regulate processes on a variety of spatio-temporal scales.

We welcome any contribution that enriches the scientific knowledge of the Ross Sea and the understanding of the occurring multidisciplinary processes.

Venue

The meeting will be held at University of Naples "Parthenope" from July 03 to 07, 2023. Information on travel, visa requirements, hotels, and meeting logistics will be provided soon.

Publication of Conference Proceedings

We expect to publish selected presentations of the conference in a special issue of Deep-Sea Research II. Complete information will be provided at the meeting. For consideration in the issue, all papers should be finalized and submitted by December 1, 2023.

Conference Organizers

Giuseppe Aulicino, University of Naples "Parthenope", Naples, Italy
Pasquale Castagno, University of Messina, Italy
Yuri Cotroneo, University of Naples "Parthenope", Naples, Italy
Pierpaolo Falco, Marche Polytechnic University, Ancona, Italy
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Francesco Memmola, Marche Polytechnic University, Ancona, Italy
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Paola Del Negro, INOGS, Trieste, Italy
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Giannetta Fusco, University "Parthenope", Naples, Italy
Karen Heywood, University of East Anglia, Norwich, UK
Eileen Hofmann, Old Dominion University, Norfolk, VA
Leonardo Langone, Institute of Polar Sciences, CNR, Bologna, Italy
Michelle LaRue, University of Canterbury, Christchurch, New Zealand
Paola Rivaro, University of Genoa, Genoa, Italy
Steve Rintoul, CSIRO, Hobart, Australia
Enzo Saggiomo, Stazione Zoologica Anton Dohrn, Naples, Italy
Walker Smith, Shanghai Jiao Tong University, Shanghai, China
Enrico Zambianchi, University "Parthenope", Naples, Italy



Steering Committee Members

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