2017 Polar Gordon Research Conference

Ventura Beach Marriott
Ventura, California, USA
March 26-31, 2017

Jackie Grebmeier

Chair, Polar Gordon Research Conference 2017 and Professor, Chesapeake Biological Laboratory, University of Maryland Center for Environmental Science, Solomons, Maryland, USA

October 28, 2016

Pacific Arctic Group Fall Meeting
October 27 28, 2016
Qingdao, China

2017 Gordon Research Conference (GRC) Polar Marine Science

"Understanding Ecosystem Change through Time Series Observations, Technological Advances, and Biophysical Coupled Modeling"

Chair: Dr. Jacqueline Grebmeier (USA), Vice-Chair Dr. Jean-Eric Tremblay (Canada)

Location: Marriott Beach Hotel, Ventura, California, March 26-31, 2017

- Bring together investigators (all career levels) in Arctic and Antarctic marine research
- Discuss new findings and uncertainties associated with marine time series data, use of developing technology for collecting those observations, and to identify successes and challenges emerging from time series observations and biophysical modeling that can be used to accurately forecast future ecosystem response
- Participants will present and discuss cutting edge interdisciplinary polar science observations, technological advancements and biophysical modeling activities associated with polar time series studies via **talks and posters**
- GRC format: 22 invited science talks by experts working at both poles, moderated by 7 discussion leaders, followed by in-depth open discussion periods and daily poster sessions
- Highlight session daily for the afternoon poster session for all participants

Preliminary Polar GRC (Arctic and Antarctic) Program: March 26-31, 2017

- The topics and speakers for the conference sessions (*italics denote discussion lead*ers).
- The detailed program will be available by **November 26, 2016**

Mar 26: Keynote Session: Marine Ecosystem Status and Change in the Antarctic and Arctic
(*Jody Deming* / Michael Meredith / Thomas Soltwedel)
Mar 27 am: Physical Drivers in Polar Marine Systems
(*Anna Whalin* / Julienne Stroeve / Keiichiro Ohshima / Andrey Proshutinsky)
Mar 27 pm: Paleoceanographic Time Series Studies in Polar Regions
(*Beth Caissie* / Heidemarie Kassens / Amy Leventer)
Mar 28 am: Biogeochemical Interactions in Polar Marine Ecosystems
(*Lee Cooper* / Francois Fripiat / Naomi Harada / Sanghoon Lee)
Mar 28 pm: Lower Trophic Level Marine Time Series Studies
(*Monika Kedra* / Jorgen Berge / Irene Schloss)
Mar 29 am: Upper Trophic Level Marine Time Series Studies
(*Sue Moore* / George Watters / Ari Friedlaender / TBD)
Mar 29 pm: Biophysical Coupled Modeling Using Time Series Data in Polar Regions
(*Wieslaw Maslowski* / Nadja Steiner / Martin Vancoppenolle)
Mar 30 am: Technological Advances and Issues of Scaling for Time Series Data Collections
(*Jessica Cross* / Finlo Cottier / Seth Danielson / Sebastian Swart)
Mar 30 pm: Connecting Marine Observing Systems at the Poles: Regionally and Globally
(*Eddy Carmack* / Mary-Louise Timmermans / Andrew Constable)
Mar 31: Departure

2017 Polar Gordan Research Seminar

"Advancing the Physical-Biological Understanding of Polar Marine Ecosystems Through Innovative Technology"

Chair: Dr. Ingrid Wiedmann (Postdoc UiT The Arctic University of Tromsø, Norway), **co-chair**: Nicole Couto (Ph.D. candidate, Rutgers University, USA)
Location: Marriott Beach Hotel, Ventura, California, March 25-26, 2017

- provide a forum for graduate students and post-docs to present and exchange new data and cutting edge ideas with experts in different polar fields of science

- major focus of the 2017 GRS will be on innovative marine technology including autonomous and remotely operated instruments, camera systems, advanced laboratory techniques, and numerical modeling

- early career scientists will present data and discuss how these technological advances improve the physical-biological understanding of polar marine ecosystems

Application deadline for GRC and GRS is Feb 28, 2017

http://www.grc.org/programs.aspx?id=12642
(has link to GRS registration, too)

Process: Apply, acceptance and then registration

Registration Fees: Single Fee: $1,290.00 / Double Fee: $1,090.00
(includes 5 nights lodging and all food)

Format: am plenary talks and poster highlights, free time in afternoon, with, poster session late afternoon, evening session of plenary talks, lots of discussion time (no recordings or products from meeting)

Questions?

Financial Contributors to Date:

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