MEOPAR
MARINE ENVIRONMENTAL OBSERVATION PREDICTION & RESPONSE NETWORK

at OCEANS'14:
Oceans: "Where Challenge Becomes Opportunity"
Monday, September 15, 2014
Pre-conference program information

OCEANS'14 conference website: http://oceans14mtsieeestjohns.org/index.cfm

Onsite location: Governor Lemarchant, Delta St. John's Hotel and Conference Centre, 120 Gower Street, Saint John's, Newfoundland (see hotel floorplan, page 6).

AGENDA
The times indicated are Newfoundland Daylight Time. All speakers will present via a 'blended' format: onsite to participants in the meeting room, concurrently to participants online using Adobe Connect. If you are in the hotel, you are welcome to join us in the meeting room. Biographies are provided after the agenda.

11:30-12:00 p.m.	Tutorial for first time users of Adobe Connect[1]
12-12:30 p.m.	Lunch (provided onsite)[2] ; informal networking online
12:30-1 p.m.	Welcome to OCEANS'14: Neil Gall, Executive Director, MEOPAR OCEANS'14: The student's perspective: Camille Pagniello
1-1:30 p.m.	Youth and the Sea: Ocean Literacy in Nova Scotia & CaNOE: Haley Guest
1:30-2:30 p.m.	Publish or Perish: Best practices for successful manuscript preparation and submission: Dawn Roche, Managing Editor, The Journal of Ocean Technology (OCEANS'14 exhibitor, booth 28)
2:30-3:00 p.m.	Research presentation: *Development of a New Autonomous Underwater Moored Mobile Profiler*: MEOPeer Joe Singleton
3-3:15 p.m.	break; informal networking online
3:15-4:15 p.m.	Research presentation: *A Canadian Contribution to an Integrated Atlantic Ocean Observing System (IAOOS):* Doug Wallace, Scientific Director, MEOPAR/Canada Excellence Research Chair in Ocean Science and Technology
4:15-4:45 p.m.	MEOPeer Dialogue: Q&A for OCEANS'14?
4:45-5:00 p.m.	Connecting MEOPeers & OCEANS'14

[1] first time users of Adobe Connect are invited to connect online for a brief tutorial and to troubleshoot if necessary, prior to the program; for more info, refer to *About Adobe Connect* on page 5

[2] if you wish to join us onsite for lunch, please RSVP by 4 p.m., Atlantic, Monday, September 8 to tanya.crawford@meopar.ca so we can plan for catering; please advise of any dietary requirements

SPEAKER BIOGRAPHIES (in order of presentation)

 **Neil Gall, Executive Director, MEOPAR, Halifax, Nova Scotia**
neil.gall@meopar.ca
Our future depends upon an informed relationship with the Ocean. MEOPAR is working to do just that! Established in 2012, the Marine Environmental Observation Prediction and Response Network is a pan-Canadian, Network of Centres of Excellence, funded by the Government of Canada and hosted by Dalhousie University in Halifax, Nova Scotia. MEOPAR is comprised of 35 outstanding natural and social scientists working on 20 research projects, with the goal to better understand, predict and respond to the impact of the human-marine hazard interface.
Appointed the first Executive Director of MEOPAR in June 2013, Neil brings extensive local, national and international experience in the ocean technology industry. Neil has held several leading roles in government, research and academic environments over the past decade, including Executive Director of Bridges, an initiative administered through the Marine Institute of Memorial University. A proven leader, he is adept in the management of complex multi-disciplinary, multi-institutional organizations.

Neil has considerable international business development and marketing experience and has taught numerous undergraduate business courses in communications and marketing. He received his MBA from McGill University, Bachelor of Commerce (Co-op) degree from Memorial University, and he completed le programme court de 2e cycle en gestion de projet at UQAM. Prior to joining MEOPAR, Neil played a key role in the development and implementation of the Government of Newfoundland and Labrador's ocean technology development strategy, "Oceans of Opportunity."

 **Camille Pagniello**
camille.pagniello@dal.ca
Camille is currently in her fifth and final year at Dalhousie University studying towards a BSc Honours, Co-op in Marine Biology and Physics with minors in Mathematics and Ocean Sciences. During her studies, she has worked at both Dalhousie University and Memorial University of Newfoundland as an NSERC USRA scholar, and at Woods Hole Oceanographic Institution as a Summer Student Fellow. Camille recently completed a semester abroad as part of the SEA Semester Program (S-250) in which she sailed from San Diego, CA to Papeete, Tahiti. She hopes to begin her PhD with a focus on robotics, acoustics and marine life in Fall 2015.

Camille have been an active student member of the Marine Technology Society (MTS)

since 2010 serving as At-Large Student Representative at OCEANS '11 MTS/IEEE Kona and as Student Representative to the MTS Council at the 2012 and 2013 Offshore Technology Conference in addition to OCEANS '12 MTS/IEEE Hampton Roads and OCEANS '13 MTS/IEEE San Diego. In 2011, Camille founded the first international and Canadian MTS Student Chapter at Dalhousie University. As part of MUN's Eastern Edge Robotics team, she competed as the 2013 MATE International ROV Competition in Federal Way, Washington where she also served as Ocean Career Expo Coordinator. Camille is currently the Student Activities Chair on the Local Organizing Committee for OCEANS '15 MTS/IEEE Washington, DC.

Camille is excited to be attending OCEANS '14 MTS/IEEE St John's, Newfoundland thanks to the Marine Environmental Observation Prediction and Response (MEOPAR) Network. She will be assisting with various student activities hosted by MEOPAR in addition to assisting at the MEOPAR booth. You can follow her adventures at: http://www.musicathlete09.blogspot.ca/

If you have any questions regarding the OCEANS'14 conference, MTS or are interested in starting an MTS student section, please email Camille: camille.pagniello@dal.ca

 **Haley Guest**
haleyguest@gmail.com
Haley is a recent graduate of Dalhousie University's Environmental Science program, where she focused her studies on Ecology. In 2013 she completed her honours thesis on public perceptions of marine and coastal issues in Nova Scotia under the supervision of Dr. Heike Lotze, which won Best Undergraduate presentation at the Sustainable Oceans Conference 2013.

Her current research focuses on understanding levels of 'ocean literacy' and value for the ocean among public school students in the province, working again with Dr. Lotze and Dr. Douglas Wallace of Dalhousie University/CERC/MEOPAR. Haley is currently sitting on the interim board for the new Canadian Network for Ocean Education (CaNOE - more info at www.oceanliteracy.ca).

 **Dawn Roche, Managing Editor, The Journal of Ocean Technology, Fisheries and Marine Institute, Memorial University, St. John's, Newfoundland & Labrador**
meditor@journalofoceantechnology.com
Dawn Roche is Managing Editor of *The Journal of Ocean Technology* (JOT), a quarterly publication of the Fisheries and Marine Institute of Memorial University of

Newfoundland. In this role since 2008, Dawn is responsible for the management and activities associated with publishing the JOT. She provides leadership and vision with a particular focus on long-term development strategies for the expansion of both print and electronic versions. Dawn entered the publishing industry in 2001 – first as Publisher/General Manager (fiction and non-fiction books) for a Newfoundland firm followed by a three-year stint in the Middle East where she worked as Editor on a monthly events and entertainment magazine. Upon her return to Newfoundland, Dawn functioned as Editor of the alumni magazine published by Memorial University. Outside of the publishing industry, Dawn has worked in the Newfoundland and Labrador (NL) film industry as well as economic and infrastructure development in rural NL. Dawn has served on numerous steering and advisory committees including the Board of Directors of the *Newfoundland Quarterly* (NQ) where she also chaired NQ's Editorial Advisory Committee. She has a Master's Certificate in Project Management from York University.

 **Joe Singleton**
joe.singleton@mi.mun.ca
Joe is completing his Master's degree in Engineering from Memorial University. He graduated with a Bachelor's degree in Mechanical Engineering in 2000 also from Memorial. He spent the early part of his professional career working in Ottawa in the telecommunications manufacturing industry before retuning home to Newfoundland in 2004 to work with his current employer, the Marine Institute. He has had several roles at the Marine Institute: aside from teaching engineering courses, he provided design engineering services to an industrial outreach center that supports the aquaculture and seafood industry.
He recently took advantage of an educational leave opportunity from the Marine Institute to pursue his Master's degree in the field of ocean technology, which is beneficial to both he and the Marine Institute. The research area that interests him, and that he chose for his degree, is the design of an autonomous vehicle that is used to profile the physical characteristics of the ocean.

 **Doug Wallace, Scientific Director, MEOPAR; Canada Excellence Research Chair in Ocean Science and Technology, Dalhousie University, Halifax, Nova Scotia**
douglas.wallace@dal.ca

Doug Wallace is a world leader in developing new technologies to measure changes to

the world's oceans.

Before becoming Canada Excellence Research Chair in Ocean Science and Technology, Dr. Wallace was professor of marine chemistry at the Leibniz Institute of Marine Sciences in Kiel, Germany. There, he also served as deputy director and head of the Marine Biogeochemistry Research Division. He holds a PhD in chemical oceanography from Dalhousie University and a bachelor's degree in environmental science from the University of East Anglia, United Kingdom.

Doug spent more than a decade working as a scientist at the prestigious Brookhaven National Laboratory in the United States. He also made significant scientific contributions to his field through the Intergovernmental Panel on Climate Change, and the US Department of Energy, where he developed the first survey to measure the global distribution of fossil-fuel carbon in the oceans.

Doug is highly skilled at building successful multidisciplinary research teams, including CARBOOCEAN, a five-year study of the ocean carbon cycle, and SOLAS, a global project investigating interactions between the atmosphere and the ocean. He also led the development of an ocean and atmosphere observatory on the Cape Verde Islands off the West African coast.

ABOUT ADOBE CONNECT

MEOPAR uses this synchronous online software technology for our MEOPeer monthly Research Exchange. Information about the software can be read at http://www.adobe.com/products/adobeconnect.html .

To use Adobe Connect, you will need a computer, internet connection, a headset or a microphone with speakers. A webcam is optional.

If you have not used Adobe Connect and wish to join us online, pre-check your computer compatibility prior to September 15 at https://meopar.adobeconnect.com/common/help/en/support/meeting_test.htm .

MEOPAR will host a brief Adobe Connect 'how to' tutorial for first time users at 11:30 a.m. on Monday, September 15.

All online participants will connect for the tutorial and the program using this link: https://meopar.adobeconnect.com/oceans14/ When prompted, click the Enter as a Guest radio button, type your name in the Name dialogue box, click the Enter Room button and you will then enter the online meeting space.

The above link will be open from 11:30 a.m. – 5 p.m., so you can attend some or all of the sessions. If you plan to attend more than one session, after 'your' first session ends, do not log out, so you only need to logon once to Adobe Connect and you will remain in the meeting space. If you need to use your computer between sessions, minimize the meeting space browser window (the meeting space will remain open in the background).

To attend the next session, maximize the meeting space browser window. Exit out of Adobe Connect after 'your' last session ends.

Our Adobe Connect license can accommodate 100 online concurrent connections. If a group of participants (e.g., 6) who are located near one another wish to attend some/all of the program, we encourage you to meet in one space, and using one computer, logon as a group, e.g., 'UVic MEOPeers' (vs individually), and project the meeting space onto a computer screen. Doing so will use only one of the 100 connections, compared to six, and frees up five connection spaces in this example, enabling more persons to participate.

RSVP (by 4 p.m. Atlantic, Monday, September 8) is required only if you plan to join us for lunch onsite so we may plan for catering.

COMMUNICATIONS
Follow us on Twitter (and from OCEANS'14): @MEOPAR_NCE; tweet using #meoceans14

The website for our pre-conference program is http://meopar.ca/meopeers/oceans14; content will be live on Sunday, September 14 with a link to our daily blog.

QUESTIONS?/RSVP
Please email Tanya Crawford, Training & Research Co-ordinator, MEOPAR, tanya.crawford@meopar.ca

'See' you at OCEANS'14!