

CleanTech in Ocean Industries

	Presenter	Research Topic
1:05	Dr. Len Zedel	Using water velocity measurements from oil and gas seismic surveys to evaluate and verify operational oceanography models
1:10	Dr. Ralf Bachmayer	Unmanned Marine Systems for Harsh Environments - A rising tide of opportunities
1:15	Qiyang Chen	Photonics Technologies for marine observation and environmental monitoring
1:20	Dr. Stefana Egli	Portable Water Sampling Systems Using Newly Developed Smart Polymers
1:25	Dr. Michael Katz	The Removal of harmful compounds with porous materials
1:30	Dr. Helen Zhang	Applications of Biosurfactants in Environmental Engineering
1:35	Dr. Heather Peng	Green Ship Technology - Hydrodynamic Hull Evaluation and Optimization
1:40	Dr. Sanat K. Mandal	Next generation electrotechnologies

CleanTech in Waste and Water

	Presenter	Research Topic
2:00	Dr. Francesca Kerton	Waste-to-Products and Green Chemical Technologies
2:05	Yi Liu	Oceanic waste into valuable products
2:10	Dr. Deepika Dave	Sustainable Utilization of Marine Resources
2:15	Diane Hollett	Crab shell waste as a remediating agent for heavy metals in soil
2:20	Darrell Green	Pyrolysis of plastic wastes from the finfish aquaculture industry
2:25	Dr. Ranjan Patro	Flotation in water and wastewater treatment
2:30	Dr. Bing Chen	Northern Region Persistent Organic Pollution Control (NRPOP) Laboratory at Memorial: Overview of Research and Development
2:35	He Zhang & Dr. Tahir Husain	Removal of NOM from Source Waters by a Fly Ash-Derived Carbon Filtration Technology
2:40	Kelly Brewer-Balch	Utilizing Technology to Measure the Effectiveness of Waste Diversion Efforts

CleanTech in Energy

Networking Break(15 Mins)

	Presenter	Research Topic
3:00	Dr. Chen Liu	Metal-organic frameworks for environmental and energy applications
3:05	Dr. Mike Graham	Ocean Wave Energy potential in Newfoundland and Labrador
3:10	Dr. Sizwe Dhlamini	Smart bushings for energy savings and GHG offsetting on NL electricity grid
3:15	Dr. David Molyneux	Engineering Facilities for Developing Clean Energy Technologies
3:20	Delia Warren	365 Greenhouse: "A year-round, renewable energy powered greenhouse by Iron & Earth East"

CleanTech in Other Industries

	Presenter	Research Topic
3:25	Dr. Greg Dalton	Lean Lubricants
3:30	Diane Hollett	Medical-grade chitosan used as natural food preservative

- Lunch, coffee and snacks will be available at your convenience from 1:30 - 4:00
- Note that due to the format of the event and the nature of the presentations, scheduled start times are an estimate only, and may vary.