

SESSIONS

DAY 1 - 16/11/2020

Biofouling Global Virtual Seminar

16-17 November 2020

Virtual Seminar

Delivered Live Online (GMT time) & On-Demand Afterwards

Virtual coffee: Meet & Greet

13:00 - 14:00

Welcome and opening remarks

14:00 - 14:05

New Zealand - The Craft Risk Management Standard for biofouling requirements

14:05 - 14:20

Participants

Senior Representative, Ministry for Primary Industries
- Biosecurity New Zealand

Australia - Managing biofouling requirements

14:20 - 14:35

Participants

Sonia Gorgula - Director, Marine Biosecurity Unit,
Department of Agriculture, Water and Environment,
Australia, Department of Agriculture, Water and the
Environment Australia

California's biofouling regulations

14:35 - 14:55

Participants

Chris Scianni - Acting Environmental Program
Manager- Marine Invasive Species Program, California
State Lands Commission

IMO - An update on the review of the Biofouling Guidelines

14:55 - 15:10

Participants

Dr. Theofanis Karayannis - Head - Marine Biosafety,
IMO

Live Q&A: Ask your question

15:10 - 15:20

This is the time to ask your questions to the session speakers. Remember to post questions throughout the presentations and our moderator will ask them on your behalf.

Break: Time for coffee and virtual networking

15:20 - 15:40

Take advantage of an innovative matchmaking algorithm to meet your peers with similar backgrounds and interests. Schedule 1-1 meetings before, during, and after the event!

BIMCO's revised Hull fouling clause for time charterparties

15:40 - 16:00

Participants

Ashok Srinivasan - Manager, Maritime Technology and Regulation, BIMCO

Charterparty Disputes and Hull Fouling Origins

16:00 - 16:20

Participants

Dr. Daria J. Hinz - Senior Scientist, Brookes Bell

Developing a standard for in-water cleaning

16:20 - 16:35

Participants

Ashok Srinivasan - Manager, Maritime Technology and Regulation, BIMCO

Evaluating the Efficacy and Safety of Ship In-Water Cleaning Systems

16:35 - 16:55

Participants

Dr. Mario Tamburri - Professor, University of Maryland Center for Environmental Science

Closing remarks and end of day

16:55 - 17:00

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SESSIONS

DAY 2 - 17/11/2020

Biofouling Global Virtual Seminar

16-17 November 2020

Virtual Seminar

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Virtual coffee: Meet & Greet

10:00 - 11:00

Welcome and opening remarks

11:00 - 11:05

GEF-UNDP-IMO GloFouling Partnerships Project

11:05 - 11:25

Participants

Dr. Lilia Khodjet El Khil - Project Technical Manager; UNDP-IMO GloFouling Partnerships, IMO

John Alonso - Project Technical Analyst, GEF-UNDP-IMO GloFouling Partnerships, IMO

Vessel-Check; the global solution to IMS risk mitigation via shipping

11:25 - 11:45

Participants

Dr. Dave Abdo - Commercial Manager - Biosecurity, DHI Water and Environment

BMP+ Biofouling Management Platform: setting a new global standard in biofouling management

11:45 - 12:05

- BMP+ is an innovative biofouling management platform delivered in a single user-friendly interface. Installed on-board the ship and in the cloud, BMP+ sets a new standard in IMO-compliant biofouling management through the integration of smart management tools incorporating over fifty years of industry experience
- For the vessel operator, BMP+ provides live tracking capabilities for shore-based personnel and empowers vessel owners/operators to decide when biofouling management measures can be feasibly implemented.
- For regulators, BMP+ is a free tool that provides unprecedented transparency and incorporates measurable management goals to make compliance assessment a simple task.

Participants

Dr. Patrick Lewis - Principal Scientist, Biofouling Solutions

Shippings \$30bn challenge. Solving it will fast track saving the planet

12:05 - 12:30

Participants

Tor M. Østervold - CEO, ECOsubsea

Break: Time for coffee and virtual networking

12:30 - 13:00

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Case study: Quantifying the scale of the global barnacle fouling problem

13:00 - 13:20

Insight into research findings that quantify the scale of barnacle fouling across the global fleet; both on the hull and in niche areas.

Participants

Dr. Markus Hoffmann - Technical Director, I-Tech AB

The Biocide Balance

13:20 - 13:40

Negative environmental impacts from efficacious antifouling coatings can be measured in ports, harbours and anchorages around the world. However, well-intentioned regulation of substances in coatings designed to reduce these localised impacts has the potential of creating negative environmental consequences in other environmental zones.

It's a balancing act.

This presentation will introduce a concept project which seeks to allow regulators, end-users and coating manufacturers to calculate the holistic environmental impacts of different types of antifouling coatings. This will allow coatings to be selected for optimum in-service performance but also the lowest overall environmental impact.

Participants

Dr. Thomas Vance - Centre Manager | Centre for Marine Biofouling and Corrosion, PML Applications Ltd

Back to basics: Selecting and managing fouling control coatings

13:40 - 14:00

Biofouling management:

- Ship type and operations
- Antifouling selections from technical and environmental perspective
- Application
- Post dry dock

Variable and requirements for hull cleaning

Participants

Geoffrey Swain - Professor of Oceanography and Ocean Engineering and Director of the Center for Corrosion and Biofouling Control, Florida Institute of Technology

Biofouling research in the Marine Renewable Energy Sector

14:00 - 14:20

1. MRE devices are being deployed into areas with challenging environmental conditions for which there is sparse information regarding the basic biology and life cycles of persistent fouling organisms.
2. A better understanding of life cycles and seasonality of settlement of key fouling organisms can help to inform the deployment and maintenance schedules of the MRE devices. The BioFREE monitoring system is being used to systematically collect this valuable data.
3. Close collaboration and information sharing between MRE developers, marine biologists, and coatings technologists will enable the development of i) optimal coatings for the type of environment and ii) effective maintenance schedules timed structured to reduce impacts of heavy settlement by key foulers.
4. Understanding these aspects on a global scale is important in terms of the development of the MRE industry in response to the reaching of national and international targets for decarbonisation of energy generation and in terms of avoiding the facilitation of the spread of invasive non-native species.

Participants

Dr Joanne S Porter - Acting Director/Director of Studies, International Centre Island Technology, Heriot Watt University, Orkney Campus

Closing remarks and end of Seminar

14:20 - 14:25

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