
Opening and Welcome Remarks by the Chairman

10:00 - 10:10

Biofouling Prevention Forum

Participants

Chairperson: Darren Jones - Environment and Sustainability Director, Sonihull Ultrasonic Anti-fouling

Case Study /Project/ Partnership / Regulatory Update – Latest trends, research, and developments

10:10 - 10:30

Biofouling Prevention Forum

- Identifying effective solution through active private partnerships
 - What are the challenges when collaborating at different levels?
 - How has the partnership affected the research and management of biofouling so far?
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Panel Discussion – Anti-fouling agents – A necessary Evil?

10:30 - 10:50

Biofouling Prevention Forum

- What are the financial and environmental risks of biofouling?
 - What are the other promising routes to prevent biofouling?
 - What are the advances in antifouling agents to make it more sustainable and environment friendly?
 - What is the possible future demand of these antifouling agent and what could be the possible impact?
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Keynote Session – Pollution from generation of microplastics during cleaning and removal of antifouling coatings

10:50 - 11:10

Biofouling Prevention Forum

- How does it impact the marine life, endanger the species, impact the food web?
 - What could be the possible robust solution?
 - How do high quality dryers, emulsifiers and adhesives help in arresting this pollution?
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Panel Discussion – Are ships solely responsible for the spread of invasive marine species and their impact?

11:10 - 11:30

Biofouling Prevention Forum

- What are the methods of survey to gauge the extent of invasion?
 - What steps are being taken to control the invasion through this method since 90% of trade happen through sea?
 - Can ports ensure scanning of these species through smooth collaboration?
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Keynote Session – How does colonialization by marine organisms affect antifouling research?

11:30 - 11:50

Biofouling Prevention Forum

- What preventive technologies are used to interfere with the adhesion of micro-organisms to drive antifouling research?
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Panel Discussion – Marine Biosafety - How can we ensure it through global partnerships?

11:50 - 12:10

Biofouling Prevention Forum

- Does proper maintenance of ships impact this?
 - What are the latest international guidelines and regulations?
 - Policy considerations for advances in marine biotechnology
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Fireside Chat – How can we prevent biofouling – An architectural perspective?

12:10 - 12:30

Biofouling Prevention Forum

- Is reducing drag resistance the only focus? What are the other propulsion requirements?
 - Does hydrodynamic performance vary with the application of different antifouling materials?
 - How does it impact the fuel economy and the environment?
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Panel Discussion – Biofouling management for the renewable energy industries

12:30 - 12:50

Biofouling Prevention Forum

- Since it is an energy industry, it is all about energy saving. How does it focus on to maximise energy capture whilst preventing biofouling?
 - How does it impact the longevity of the submerged structures? Does it also impact the operational efficiency?
 - Does design and maintenance impact the technology selection?
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Closing Remarks and Close of the Conference

12:50 - 13:00

Biofouling Prevention Forum

Participants

Chairperson: Darren Jones - Environment and Sustainability Director, Sonihull Ultrasonic Anti-fouling

SCHEDULE

BIOFOULING PREVENTION FORUM - 20/09/2022

Biofouling Prevention Forum

20 September 2022

Virtual Event

10am-1pm CET

TIME	BIOFOULING PREVENTION FORUM
10:00	<p>10:00 - Opening and Welcome Remarks by the Chairman</p> <p>10:10 - Case Study /Project/ Partnership / Regulatory Update – Latest trends, research, and developments</p> <p>10:30 - Panel Discussion – Anti-fouling agents – A necessary Evil?</p> <p>10:50 - Keynote Session – Pollution from generation of microplastics during cleaning and removal of antifouling coatings</p>
11:00	<p>11:10 - Panel Discussion – Are ships solely responsible for the spread of invasive marine species and their impact?</p> <p>11:30 - Keynote Session – How does colonialization by marine organisms affect antifouling research?</p> <p>11:50 - Panel Discussion – Marine Biosafety - How can we ensure it through global partnerships?</p>
12:00	<p>12:10 - Fireside Chat – How can we prevent biofouling – An architectural perspective?</p> <p>12:30 - Panel Discussion – Biofouling management for the renewable energy industries</p> <p>12:50 - Closing Remarks and Close of the Conference</p>