Marine Biofouling Webinar Series

Photos:
NBIC, PML Applications Ltd
and SCELSE

Jointly organised by National Biofilms Innovation Centre UK (NBIC UK), Singapore Centre for Environmental Life Sciences Engineering (SCELSE), Singapore National Biofilm Consortium (SNBC), and PML Applications Ltd.

Proudly supported by the Singapore's National Mirror Working Group for *Anti-Fouling and Ballast Water Treatment (NMWG AF & BWT)*, and the Singapore Manufacturing Federation – Standards Development Organisation (SMF-SDO). The *NMWG AF & BWT*, one of the standards development committees managed by SMF-SDO under the Singapore Standardisation Programme, represents Singapore in the development of selected International Standards under the ISO/TC 8 *Ships and Marine Technology* as well as the ISO/TC 8/SC 2/WG 5 *Anti-fouling systems on ships*.

Are you developing the next best antifouling solution? Perhaps you are looking for such a solution? If so, this webinar series is for you.

Biofouling control on vessel hulls is receiving plenty of attention with recent changes in commercial vessel activity patterns, together with an increasing spotlight on vessel efficiency, fuel consumption, and bio-security. However, increasing pressure to decrease the reliance on biocides in antifouling coatings is providing antifouling coating manufacturers with both compliance issues and technology development opportunities.

This series of webinars is designed to inform cross-sector participants on the challenges faced under the current regulatory framework for producing efficacious antifouling coatings, as well as explore novel antifouling technology development opportunities under this legislation.

Bringing together antifouling technology users and developers, these webinars present an ideal platform to discuss new ideas and concepts, with the potential for future collaborative projects on marine biofilm control technologies, either directly funded or via applications to funding bodies such as Innovate UK, National Research Foundation (Singapore), NBIC UK and SNBC, Singapore.

We are pleased to announce that event 2 is now open for registration.

Event 2: Oct 26, 2020 (9 am UK and 4 pm SG)

The challenges and opportunities of antifouling biocide regulations - An industrial perspective

- Introduction and welcome (5 min)
- Talk by Neil Oxtoby, International Paint Ltd (20 min)
- Open questions (20 min)

General description:
This webinar will provide a brief overview of the challenges and opportunities that increasing pressure on the use of biocides places on antifouling coating manufactures, and how they are responding.

The speaker will cover:

1. How do the current biocide rules and regs affect their business, and what is the direction of travel in the future?
2. Are there opportunities for technology development?
3. What are the industrial needs either in terms of novel technology or regulatory support / justification?

For UK attendees, please contact nbic@biofilms.ac.uk

All other attendees may register here.

For those who are keen to join, but unable to, please get in touch with the relevant contacts to access the recording or follow up on a collaborative opportunity.

Event 3: (Nov 2020 – TBD)

Biofilm control – what's next?

General description:
The final webinar will provide an opportunity to gain an insight into the latest developments in marine biofilm control approaches and technologies in relation to maintaining a clean hull despite the restrictions on traditional antifouling technologies.

Short technical updates will be provided by a range of technology developers and researchers. Possible funding routes for developing further marine biofilm control technologies will be highlighted, such as through NBIC and SNBC.

Registration of interest for event 3
Interested participants from UK may email nbic@biofilms.ac.uk.

Participants from other regions may email smitha.vs@ntu.edu.sg

Event 1: Oct 12, 2020

Biocide use in antifouling coatings - The regulatory framework

For a copy of the webinar recording, please contact nbic@biofilms.ac.uk

National Biofilms Innovation Centre | PML Applications Ltd | SCELSE Singapore Centre for Environmental Life Sciences Engineering | Singapore National BIOFILM Consortium | Standards Development Organisation