

IBN Offshore Energy Calendar 2019

Please note: if you have questions, suggestions or requests to present something at one of these workshops, please contact the person indicated at each session or event.

Workshop 11

BE-UK O&M - Innovation in O&M seminar (IBN-OE members only)

Date: 19/03, 13:30

Location: C-Hotel Andromeda, Ostend



Download link to program [here](#).

The day before the Belgian Offshore Days, we are welcoming a UK delegation from the UK O&M teams & innovation suppliers. Please contact us for more information and registration.

- 13:30 : Registration opens and welcome coffee/tea
- 14:00 : Welcome by Alison Rose (British Ambassador to Belgium)
- 14:05 : Introduction by Jef Monballieu (President IBN Offshore Energy)
- 14:10 : Panel discussion
Owner/Operators, OEM's, ports and contractors discuss future challenges and innovation opportunities
- 14:50 : Presentations by Belgian and UK innovators in offshore wind O&M (4 * 10') –1stsession
- 15:30 : Coffee/tea break
- 16:00 : Presentations by Belgian and UK innovators in offshore wind O&M (4 * 10') –2ndsession
- 16:40 : Conclusion (ORE Catapult and OWI-Lab)
- 16:50 : Networking drinks
- 18:00 : Close

Organization: joint UK DTI – British Embassy, ORE Catapult, IBN-OE & OWI-Lab event.

Registration: gert.wauters@mobile.trade.gov.uk

Workshop 12

Servitization and digitization trend in offshore wind seminar during Belgian Offshore Days 20-21/03

Date: 20/03/19, 10:30u-14u

Location: Ostend Sea P'lace (Hippodroom)



The accelerating digitization of industry (cloud based, real-time monitoring through sensors or IoT) comes hand in hand with new business models like servitization, where the focus lies on the service a product provides, and not just the product itself. This session will provide multiple perspectives from different sector experts like Michael Wilkinson from DNV-GL, Jan Peter Schrick from LM Wind Power, Joris Peeters from ZF, and Pieter Jan Jordaens of Sirris/OWI-Lab.

Organisation: joint organisation by BOC, IBN-OE & OWI-Lab

Registration: <http://belgianoffshorecluster.be/content/belgian-offshore-days-2019>

Extra Member Event:

2nd international Symposium on Corrosion and Fouling – two natural curses for a ships' hull

Date: 1/04/2019, full day

Location: Antwerp Maritime Academy (Hogere Zeevaartschool – Antwerpen)



Corrosion and fouling are two major problems affecting all shipborne commercial activities. National and international experts will present overviews about current evolutions, challenging case studies and new possibilities of state-of-the-art monitoring systems.

The symposium seeks for answers on the following questions and aims to sharpen your knowledge on the hot topics below.

- What is maritime corrosion and how can we fight it?
- What is maritime fouling and how can we fight it?
- Insights in maritime corrosion with attention to microbial induced corrosion
- Extending the lifetime of coating systems by professional application

- What is coating-friendly design?
- Innovative survey methods
- Biofouling and the marine ecosystem
- Influence of biofouling on ship performance
- Biocides and legislation, national & international

On purpose the fundamental scientific approach was abandoned a little bit in favor of the immediate applicability. The objective is that this symposium is accessible to everybody with a sound interest in ships and the sea. The symposium focuses on all ship related professions such as ship owners and managers, national and international rule makers, classification societies, insurance companies, stevedores, port captains and officers, present and future ship captains and officers.

Organization: external event by Antwerp Maritime Academy

Registration: <http://corrosion.hzs.be/>

External event: WindEurope conference & exhibition

Date: 2-4 April

Location : Bilbao, Spain



The IBN-OE team will attend both the conference and exhibition during the upcoming WindEurope fair. The team will follow-up the conference to be updated by the latest technology trends – companies who would be interested in a certain presentation of the conference can take contact with the IBN-OE team. More info - <https://windeurope.org/confex2019/> ; Contact point: ozlem.ceyhan@sirris.be

Workshop 13

Immersive technologies (AR/VR) in offshore wind

Date: 5/04/19, Full day

Location: The Level, Kortrijk (Digital Arts & Entertainment – Howest , «Gaming School »)



This workshop is not just going to be *hands-on*, it's going to be *headset-on*, at a very special location. Digital Arts & Entertainment (DAE) was elected as one of the best gaming schools amongst its peers.

Their research department applies the gaming engines, VR & AR applications into industrial O&M contexts, as well as healthcare, tourism & education. CAD-polygon interfaces allow to render designs early on in a 3D context, which opens up new ways of training and supporting crew in a digital environment. Combined with high bandwidth, live remote support between an experienced operator on land and offshore field technician becomes a reality. Quality control, assurance and fast reporting to the asset managers or clients can be automated. Fire and safety drills can be easily simulated, with different scenarios and interactions between participants.

This workshop will blend 3 essential parts: a thorough state of the art of both hardware and software by DAE, inspiring cases from O&M, defense, marine-maritime actors and last but not least: a try-out zone where you can experience immersive technologies yourself.

Organization: joint session by De Blauwe Cluster, Ghent University Campus Kortrijk - DAE Research & IBN-OE.

Registration: not yet open

Contact: Pieter.Mathys@UGent.be

Partner event: Building Demonstration Cases for the Blue Economy: Lessons from NeSSIE-project and the Regions

Date: 24/04/19

Location: Scotland house Brussels

The [NeSSIE project-partners](#) (EU project on North Sea Solutions for Innovation in Corrosion for Energy) will host a final dissemination event open to regional and European institutional and industrial stakeholders of the Blue Economy sector and Offshore Renewable Energy industry. The event will be held on the 24th April 2019 in Brussels and will involve the NeSSIE partners presenting the results achieved by the project cooperation, the three demo-cases and the selected industrial project developers. The full program can be found here: <http://www.nessieproject.com/news/nessie-dissemination-event-and-workshop-in-bruxelles>

Contact : pieterjan.jordaens@sirris.be

Partner event Workgroup-meeting 'Corrosion'

Date: 15/05/19

Location: Brabantlaan 1 - Leuven during Eurofinish & Materials 2019

The workgroup 'Corrosion' is organized by the cluster 'Innovatieve Coatings', in collaboration with the cluster 'Offshore Energy'. Details of the workgroup meeting will follow soon.

Contact : ozlem.ceyhan@sirris.be

Webinar Tech & Market Insights & update + funding calls Q3-Q4 2019

Date: 5/07/19, 1200-1300

Location: NA

Contact : Pieter.Mathys@UGent.be

External event: WindEurope Offshore Conference & Exhibition

Date: 26-28 November.

Location : Copenhagen, Denmark.



The IBN-OE team will attend both the conference and exhibition during the upcoming WindEurope fair. The team will follow-up the conference to be updated by the latest technology trends – companies who would be interested in a certain presentation of the conference can take contact with the IBN-OE team. More info - <https://windeurope.org/offshore2019/>; Contact point: pieterjan.jordaens@sirris.be

Organization: external - WindEurope.

Registration: <https://windeurope.org/offshore2019/>

Workshop 14 (TBC)

Offshore Geotechnics

Date: Q3-Q4 2019, TBC.

Location: Technologiepark, Ghent or in-company

We are currently exploring opportunities to host an Offshore Geotechnics workshop or seminar. Suggestions for this session are welcome.

Organization: IBN-OE

Contact : Pieter.Mathys@UGent.be

Workshop 15:

Reducing the cost of offshore O&M in blades

Date: Q4 2019.

Location: Sirris Heverlee

Latest trends and challenges related to wind turbine blades will be covered in this workshop; such as

- Blade repair opportunities and challenges, onshore/offshore
- How a blade digital twin can be beneficial for Belgian offshore wind farms?
- State of the art sensing and measurement technologies
- Blade erosion detection, monitoring, prevention
- Advanced materials and manufacturing techniques

Organisation: IBN-OE

Registration, suggestions & contact : ozlem.ceyhan@sirris.be

Upcoming Q3-Q4 2019 (TBC)

- Seminar: new tender law & procedure 2nd zone, in collaboration with FPS Economy, pieterjan.jordaens@sirris.be & Pieter.Mathys@UGent.be
- Floating Wind fact-finding mission (Q3-Q4 2019 - tentative), pieterjan.jordaens@sirris.be
- Workshop : Emerging technologies, Coastal Ocean Basin inauguration, MET-CERTIFIED final conference (Q3-Q4 2019), Pieter.Mathys@UGent.be
- General Assembly meeting + scale-up/corporate venturing workshop (December 2019) pieterjan.jordaens@sirris.be