IoS-OP Taiwan seminar 2025

28th November (Friday) 14:00-18:00

Registration ▶13:30 (No remote delivery)

Venue: VIP ROOM 5-7,4F,Regent Taipei No.3,Ln.39,Sec.2,Zhongshan N.Rd.,Taipei City

---- Application form ----

[Application deadline] 25 November (Tuesday)
[URL] https://forms.office.com/r/hSJ8Tqcg0B?origin=lprLink



---- Programme -----

14:00-14:05 *Opening Address*

Shingo Ikeda

Chairman of IoS-OP Consortium Managing Corporate Officer

K-Line



14:05-14:35 Development of the Greener Ships towards Zero Emissions

Yasufumi Sakai

Technical Development Group/Senior Researcher

Planning and Design Center for Greener Ships (GSC)

The shipping industry is facing a transition to zero GHG emission fuels to achieve its "Net Zero GHG emissions by 2050" goal.

GSC is developing greener ships such as ammonia-fueled and methanol-fueled, we will introduce some of these concepts here.

Keywords: Zero emission, GHG reduction, Alternative fuels, Ammonia-fueled ship,

Methanol-fueled ship

14:35 -15:05 Latest information about IoS-OP

Hiroshi Konishi

Sales Department/General Manager

Ship Data Center Co., Ltd. (ShipDC)

IoS-OP is a digital platform consisting of data handling rules and a data center. It is developed for sharing vessel operational data including high frequency data among stakeholders fairly and transparently. Introduction of the recent data use cases related to IoS-OP.

Keywords: Big data, High Efficiency, Use cases of data, Innovations, Data management.





15:25-15:55 Advanced PBCF and Wind Propulsion Devices

Lee Enwei

PBCF & Wind Propulsion Dept.

MOL Techno-Trade, Ltd.

As environmental regulations tighten, reducing emissions and improving vessel efficiency have become top priorities for shipowners.

The Advanced PBCF, developed by MOL Group, is a well-established solution with a strong track record of steady performance, offering a simple yet highly effective means of saving energy.

This seminar will present the latest results of the Advanced PBCF and highlight its role in helping vessels comply with regulations such as EU-ETS and IMO requirements, thereby reducing potential penalties. In addition, the seminar will introduce some of the latest efforts in wind propulsion technologies.

Keywords: PBCF, ESD, GHG Reduction, Energy-Saving, Penalty of EU-ETS/IMO

15:55-16:25 Nabtesco is ready to meet what future wants

Mingwei Ni

Business Solution Group

Nabtesco Corporation

Nabtesco Mr. Ni talks about our solutions to tackle global issues such as GHG reduction and Laboursaving with in-house AI solutions.

This unique AI solution would also contribute to vessels' optimization as well as fuel saving.

Feel free to join us as we are very happy to give the best possible solutions to you and your company!

Keywords: GHG reduction, Labour-saving, Fuel-saving, High Frequency Data, Vessel optimization

16:25-16:55 PureMetrics™: Direct Emissions Monitoring for Compliance and Operational Insight Kuldipak Pednekar

Singapore Marine Hub/Head of Marine Operations & Managing Director Singapore

Daphne Technology

PureMetrics[™] is Daphne Technology's real-time emissions monitoring and reporting system for maritime and offshore engines. It measures methane, carbon dioxide and aggregated CO_2e directly from exhaust gas, supporting accurate EU MRV, IMO DCS and EU ETS reporting. Covering dual-fuel and conventional engines, PureMetrics[™] reduces uncertainty, improves transparency, and enables operators to optimise reporting, cost exposure, and fleet performance through continuous, audit-ready data

Keywords: Methane slip, CO₂ emissions, direct monitoring, regulatory compliance, operational optimisation





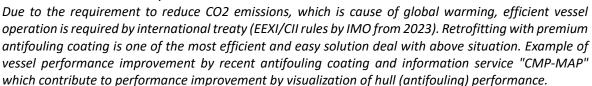


16:55-17:25 CMP-MAP solution - reduction of greenhouse gas emission using antifouling paints.

Hirohisa Mieno

Hull performance analysis group/Leader

CHUGOKU MARINE PAINTS, LTD.



Keywords: Antifoulings, CMP MAP, Hull PDCA cycle, Simulator, CII rating

17:25-17:55 What We Need to Know About the 2024–2025 Update on Maritime Cybersecurity **Shinkichi Okimoto**

Management Systems and Maritime Training Certification Department/Manager Nippon Kaiji Kyokai (ClassNK)

With the rapid advancement of digitalization in the maritime industry, the importance of cybersecurity continues to grow. This presentation will focus on the key developments in maritime cybersecurity during 2024–2025, including regulatory updates and industry trends. In particular, it will introduce ClassNK's approach to addressing these developments, with reference to recent IMO and IACS activities.

Keywords: Cybersecurity, Digitalization, IMO, IACS

17:55-18:00 Closing Remarks

Yasuhiro Ikeda

President

Ship Data Center Co., Ltd. (ShipDC)

For enquiries, please contact IoS-OP Consortium secretariat at consortium@shipdatacenter.com.

