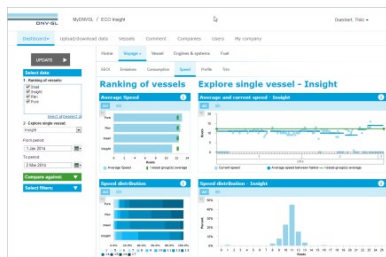# 8th Hull Performance & Insight Conference (HullPIC)
Merged with 4th PortPIC Conference

Pontignano/Italy, 28-30.8.2023

Topics: ISO 19030 and beyond / sensor technology / human factors in reporting & understanding performance / information fusion / big data / uncertainty analysis / hydrodynamic models / business models / cleaning technology / coating technology / ESDs

Organiser: Volker Bertram (VB conferences)
Morten Sten Johansen (Jotun)

Advisory Committee:

Francesco Bellusci	Scorpio Group	Jeppe S. Juhl	BIMCO	Geir Axel Oftedahl	Semcon
Jasper Cornelis	Port of Zeebrugge	Jan Kelling	Hasytec	Beom-Jin Park	KRISO
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Liz Haslbeck	NSWC-CD	Alex Noordstrand	FleetCleaner	Diego M. Yebra	Hempel
		Tor M. Østervold	ECOsubsea		

Venue: The conference will be administered in Hamburg/Germany and held in Pontignano/Italy

Format: Papers to the above topics are invited and will be selected by a selection committee.
The proceedings will be made freely available to the general public.

Deadlines:

anytime	Optional "early warning" of interest to submit paper / participate
21.03.2023	First round of abstract selection (1/3 of available slots)
21.04.2023	Second round of abstract selection (remaining slots)
21.07.2023	Payment due for authors
21.07.2023	Final papers due

Admin. Fees: **800 €** – early registration (by 30.06.2023)
900 € – late registration

Fees are subject to German VAT

Sponsors: Jotun, Tutech Innovation, Akzonobel, Albis MP, Armach Robotics, C-Leanship, Cloud Towing Tank, COACH Solutions, Danelec, Deep Trekker, DNV Maritime Academy, ECOsubsea, Enamor, Fleet Cleaner, Hasytec, Hempel, Hoppe Marine, HullWiper, Idealship, I-Tech, Lloyd's Register, Marorka, Miros Mocean, Napa, PPG, TAS Global, Veinland, VesOPS, VP Solutions, Wärtsilä

Media Partners: Hansa, The Royal Institution of Naval Architects

Information: volker@vb-conferences.com

Intended papers

Abeysekara (LR) – *Type testing of IWHC devices, different requirements which to choose for?*

Antola (Wärtsilä) – *Real and virtual data fusion for better performance management*

Batra (Ardmore Shipping) – *Financial gains from mitigating biofouling*

Bertelsen (Hydro Hull Cleaning) – *Something on hull cleaning*

Bertram (DNV) – *Third-Power Law: Friend or Foe?*

Brynjulfsen (Wallenius Wilhemsen), Johansen (Jotun) – *Economic effect of HSS implementation*

Caponi (Deep Trekker) – *In-water inspection using portable robots with advanced integrations*

Cederberg (NoorCare) – *The Arctic TERN*

Gatin (Cloud Towing Tank) – *Assessing CII and EEXI through CFD*

Gorgula (AWE) – *Something on Australian regulatory perspective*

Hansen (VesOPS) – *Issues around in-service speed trials*

Hendricks (Hoppe Marine) – *Progress in data collection and performance analysis*

Krapp (Jotun) – *HullKeeper solution for hull management*

Lander (Armach Robotics) - *A smarter approach to maintenance and inspection*

Manniche (Navigator Gas) – *Experience with performance monitoring*

Marioth (Idealship) - *Something*

Mittendorf, Nielsen (DTU), Gundermann (Hempel) - *Speed loss or power increase: Which target is better suited in machine learning-based performance monitoring?*

Morobe (Toqua) – *Machine learning applied to performance monitoring*

Pekkanen (Napa) – *Something on performance monitoring*

Ponkratov (RINA) – *Latest findings from JoRes project*

Psomas (PPG) - *Something*

Skarbø (Bellona) – *Status report om Clean Hull Initiative*

Slovak (Blue Atlas Robotics) – *Automation and Digitalization of In-Water Inspections*

Struijk (MARIN) - *Full-scale wake field measurements by PIV*

Swain (FIT) – *Effect of grooming on hull performance*

Troland (ECOsubsea) – *Studies on effect of robotic cleaning*

Tsompanoglou (Pantheon Tankers) – *Something on performance monitoring*

Vonach (Subdron) - *Full autonomous ship hull inspection for biofouling management and In-Water Surveys (class related)*

Werner (SSPA) - *Performance Indicators for Wind Powered Ships: Towards an Industry Standard*

Participants expected from:

Akzonobel, Albis Marine Performance, Ardmore Shipping, Armach Robotics, AWE, Bellona, Blue Atlas Robotics, BW Epic Kosan, Carnival, C-Leanship, CCP, Chevron Shipping, Cloud Towing Tank, COACH Solutions, Commercial Divers Panama, Danelec, Deep Trekker, DFDS, DG-Diving Group, DNV, Dorian LPG, DTU, ECOsubsea, Enamor, Exmar, FIT, FleetCleaner, G2 Ocean, GeFo, Grieg Star, Grimaldi, Hafnia, Hapag-Lloyd, Hasytec, Hempel, Hoppe Marine, HullWiper, Hydro Hull Cleaning, I-Tech, Idealship, International Seaways, Jotun, Lomar Shipping, LR, Mainstay, MARIN, Marorka, Miros Mocean, MOL Chemical Tankers, MSC Cruise Management, Napa, Naviera Ultranav, Navigator Gas, ND Coatings, NoorCare, Notilo Plus, Odfjell, Oldendorff, OSM, Pantheon Tankers, PPG, RINA, SSPA, Stena, Stödig Ship management, Subdron, TAS Global, TCSM, Thenamaris LNG, Toqua, TORM, Union Maritime, VAF, VesOPS, VP Solutions, Vroon, Wärtsilä, Wallenius Wilhemsen, Westfal-Larsen Management, Zeronorth