

**IHMA 2022 Congress | Shaping for a better, safer future****WELCOME COCKTAIL RECEPTION | Sunday 26th June 2022**

Relax and unwind after your travels with a welcome cocktail while reuniting with friends. Take this opportunity to register in advance and discuss the week ahead.

Available to sponsor

17:00 – 19:00

Venue: Level 7, Grand Suite, Hilton Kuala Lumpur

Dress: Smart casual attire

CONGRESS DAY ONE | Monday 27th June 2022

8:00 Registration and morning tea and coffee served in the foyer

OFFICIAL OPENING

9:00 IHMA President's Welcome

Capt Yoss Leclerc, *President, IHMA*

9:10 Host's Official Welcome

YBhg. Datuk Chong Sin Woon, *Chairman, Port Klang Authority, Malaysia*

9:20 IMO Keynote Address

Kitack Lim, *Secretary-General, IMO*

9:30 Ministerial Keynote Address

YB Datuk Seri Ir. Dr. Wee Ka Siong, *Minister of Transport, Ministry of Transport, Malaysia*

10:00 Official Exhibition Opening and Tour of the Exhibition by the VIP Group followed by morning refreshments

SUSTAINABILITY

11:00 Keynote Address: Sustainable capacity building and port development to meet future growth demand: Port Klang's perspective

- Port Klang is taking on port development of existing terminals and future port terminals is to look at how to harmonize the roles and functions of ports with Sustainable Development Goals (SDGs)
- The main concepts in capacity building at Port Klang incorporates the principals of sustainable development and greenport ideologies into port development in the areas of physical infrastructure, equipment and port technology and operations
- Port Klang's sustainable port development strategies and the phases of implementation
Capt K. Subramaniam, *General Manager, Port Klang Authority, Malaysia & President, International Association of Ports & Harbours (IAPH)*

11.30 Northport's journey towards becoming a safer, greener, smarter and better port

Dato' Azman Shah Mohd Yusof, *Chief Executive Officer, Northport (Malaysia) Bhd, Malaysia*

**11:55 Enhancing port efficiency through technology: A CO2 emissions reduction case study**

- Implementation of port optimisation software at Saqr Port
- An analysis of the benefits in terms of emissions reductions

Brendan Curtis, *General Manager Business Development, OMC International, Australia*

- The practicalities of Dynamic Underkeel Clearance from a Harbour Masters Perspective
Capt Michael Magee, *Group Harbour Master, RAK Ports, UAE*

12:20 Bintulu Port Group Case Study: Update on the Smart Digital Green Port (SDGP) Blueprint

- The journey towards a fully-fledged smart digital and certified carbon neutral port
Zuraidah Mohd Rais, *Safety Manager, Bintulu Port Authority, Malaysia*

12:40 The tug of the future: Safer and greener

James Hyslop, *Director, Project Development, Robert Allan, Canada*

13:00 Electric propulsion for hybrid tugs

- Green solutions as the electrification of tugs and future fuels

Siebe Cieraad, *Design & Proposal Engineer - Tugs, Damen Shipyards, The Netherlands*

13:20 Ask the experts | Your chance to ask questions from the floor**13:30 Lunch and networking within the exhibition****14:30 Industry Keynote | The Next Wave: Green corridors**

With the headline-grabbing Next Wave Report in 2021 together with the Energy Transitions Commission and McKinsey & Co, the Global Maritime Forum founded the concept of Green Shipping Corridors to shift the industry to a more pragmatic focus on decarbonising carbon-heavy trade lanes. What are these corridors, who needs to action what and how can ports help to make them happen?

Jesse Fahnestock, *Head, Research and Analysis, Global Maritime Forum*

NAVIGATION**15:00 IALA Keynote**

Francis Zachariae, *Secretary-General, International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA)*

15:30 Monitoring and managing aids to navigation in the digital world

Malcolm Nicholson, *Global Product Manager - Marine, Sealite, Australia*

15:55 Ask the experts | Your chance to ask questions from the floor**16:05 Afternoon refreshments and networking within the exhibition**



MASS – AUTONOMY

16:35 Education for autonomous vessels

Nick Bonser, *Winner, 2020 IHMA Young Maritime Professionals Pitching Competition* and *Autonomous Maritime Instructor, AMC Search, Australia*

Share your views on this subject by participating in a short survey <https://forms.office.com/r/2Vt4420nJR>

17:00 Port supplied routes & passage plans

Capt Ricky Rouse, *Deputy President, Australasian Marine Pilots Institute, Australia*

17:25 Ask the experts | Your chance to ask questions from the floor

17:30 End of Day One

EVENING | WELCOME RECEPTION

Following a full day of learning about the latest industry developments, discuss the day's proceedings over drinks and canapes. Build relationships with key decision-makers in a highly sociable environment.

19:30 – 21:30

Venue: Level 7, Grand Suite, Hilton Kuala Lumpur

Dress: Smart casual attire

Proudly hosted by



**CONGRESS DAY TWO | Tuesday 28th June 2022**

8:30 **Morning tea and coffee within the exhibition**

9:00 **Opening from the Chair**

DIGITISATION

9:05 **Keynote | Westports & our digitisation journey**

Eddie Lee Mun Tat, *Chief Executive Officer, Westports Malaysia Sdn Bhd, Malaysia*

9:30 **Keynote | PTP Digitalisation and sustainable practices**

- PTP's digital transformation and sustainable practise continues at an ever-increasing pace, driven through advances in port technology aligned in providing the best-in-class service for its customers. The model consistently focusses on intelligent data systems, transparency, sustainability, open innovation, big data, artificial intelligence, blockchain, efficiency, and automation.
- PTP's program on digital transformation and sustainable practises create a value proposition that gives us a competitive edge. With extensive ecosystem on specialized systems and applications, covering our Operations Management, Business Management, Safety and Security, Sustainability and Environment, Trade and Transportation Management (Trade lens (Blockchain) and Terminal Activity Reconciliation (Blockchain), Terminal Gate Automation, PTP's investment for expansion beyond 2022 is aligned with its continuous improvement projects as part of the Ipsum Magna Program

Marco Neelsen, *Chief Executive Officer, Port of Tanjung Pelepas (PTP), Malaysia*

9:55 **Digital Ports: How smart can they get?**

David Yeo, *Founder and Group CEO, Innovez One, Singapore*

Capt Claus Krummrey, *Maritime Solutions Consultant, FREQUENTIS AG, Austria*

10:20 **Ask the experts | Your chance to ask questions from the floor**

10:30 **Morning tea and networking within the exhibition**

PORT MANAGEMENT & OPERATIONS

11:00 **Strategies to increase capacity and efficiency: Learnings from International Container Terminal Services (ICTSI)**

Prema Bhautoo, *Head, Digital Port Services, DHI-Seaport OPX*

11:25 **How to develop a new, sustainable and smart port in a developing country**

Mario Rodrigues, *Manager Marine Operations, Porto do Açu, Brazil*

11:50 **Port call optimization using slot management and smart ship movements sequence model**

Kris English, *Head Product Advisory - Ports, Wärtsilä Voyage, Canada*

**12:15 Harbour Master request for guidance**

- Minimum content in line with IMO
- Standards in line with IHO
- Guidance from authorized body

Capt Ben van Scherpenzeel, *Project Officer IHMA, Chairman International Taskforce Port Call Optimization*

12:40 Ask the experts | Your chance to ask questions from the floor**12:50 Lunch and networking within the exhibition****SAFETY****13:50 Harbour Master case study: Dublin Port's safety leadership journey**

- The role of collaboration and resilience in safety leadership culture change
- Developing stakeholder relationships to allow learning, sharing and alignment of standards

Capt Michael McKenna, *Harbour Master, Dublin Port Company, Ireland*

14:15 Technology and the human factor in ports

Capt Myron Fernandes, *Harbour Master, Port Authority of New South Wales, Australia*

14:40 Managing the human side of digital change: A case study on the Port of Halifax and Saab port management system project

- The presentation will be a review of the Port of Halifax's port management system implementation project from the perspective of the human side of digital change
- We will discuss how technology planning is only half of the equation and suggest that the human side of the strategy needs just as much attention to ensure success
- The goal is of course to ensure real value is realized and the change is not only transformational but sustainable and inspirational as well

Capt Adam Parsons, *Director Marine Operations and Harbour Master, Port of Halifax, Canada*

Richard Jonker, *Director Business Development, Maritime Traffic Management Surveillance, Saab Technologies, The Netherlands*

15:05 Ship-in-channel intelligence using rapid-deploy inertial devices for enhanced under-keel clearance management

- Outlines a new strategy to enhance port safety and efficiency by collecting vessel-specific intelligence
- The new strategy relies on improved accessibility and ergonomics for pilots to collect vessel motion measurement data
- The intelligence collected is primarily used to enhance under-keel clearance management but will also have other uses

Brendan Curtis, *General Manager Business Development, OMC International, Australia*

15:30 Ask the experts | Your chance to ask questions from the floor**15:40 Afternoon refreshments and networking within the exhibition**



MOORING

16:10 **Smart Mooring: Predictive technology for the ship-shore interface**

- Increasing insight for port control when allowing vessels at berth
- Improving safety of moored vessel operations
- Making optimum use of port data (historic, real time & predictive)

Bas van Son, *Product Director*, **Royal Haskoning DHV, The Netherlands**

Ilse van den Bosch, *Maritime Engineer & Project Manager*, **Royal Haskoning DHV, Vietnam**

16:35 **Advanced mooring solutions for tropical ports subject to extreme weather events**

Nick Labrosse, *Sales & Marketing Director*, **Trelleborg Marine & Infrastructure, Australia**

Timothy Womersley, *Development Team Lead*, **SeaPort OPX, Australia**

17:00 **Ask the experts** | Your chance to ask questions from the floor

17:10 **End of Day Two**

EVENING | EXHIBITION NETWORKING DRINKS

The exhibition showcases the latest technological developments and innovation from industry suppliers and celebrates commercial collaboration. This is a fantastic opportunity to network with leading commercial suppliers, colleagues and associates in an informal atmosphere amongst the incredible exhibition stands.

17:15 – 19:15

Exhibition Hall, IHMA Congress 2022, Hilton Kuala Lumpur

Dress: Smart casual attire

**CONGRESS DAY THREE | Wednesday 29th June 2022****IHMA & PIANC WORKSHOP: Reducing Mooring Failures & Improving Safety at Berth****7:15 Workshop Registration****7:30 FREE INTERACTIVE Industry Workshop session**

Chaired by DHI technical specialists, the workshop will commence with an overview of mooring theory including the mechanics of mooring arrangements, wave-vessel interactions, the effects of larger ships and the increasing severity of weather events. This will be followed by a discussion of how a physics-based understanding can be used to manage risks in this area with practical examples from across the world. To collectively share ideas and processes, the audience will be invited to discuss the challenges and solutions currently used to help reduce risks in their ports. At the conclusion of the workshop, attendees will have the opportunity to view the latest mooring technology by visiting the 2022 IHMA Congress Exhibition.

8:30 Morning tea and coffee within the exhibition**8:50 Workshop conclusion****9:00 Opening from the Chair****TECHNOLOGY****9:05 PIANC Keynote**

Francisco Esteban Lefler, *President, PIANC, Belgium*

9:35 Nautical Institute Keynote | The future maritime skillset is required yesterday

Capt Ricky Rouse, *Chair, Automation Technical Advisory Group (ATAG), Nautical Institute*

10:05 Managing the port airspace as a regular port operation?

- The Port of Rotterdam is preparing its airspace and procedures for the rising volume of drone traffic
- Unmanned traffic management systems enable drone operators to offer their services safely to the ports' clients
- Investigative role of the Rotterdam Port Authority on how to organise and control the low altitude airspace in the port for safety and efficiency
- The role of the Port Authority in low-level airspace and the impact of offering unmanned traffic management on the port authority organisation

Ingrid Römers, *Senior Advisor, Port of Rotterdam Authority, The Netherlands*

10:30 PASSport: Drones to support port operations

- The need to improve safety and security in port areas
- PASSPort solution based on a fleet of aerial (tethered, fixed wings, rotary wings, autonomous and self-charging) and underwater drones
- Case studies from Kolobrzeg, Ravenna, Hamburg, Le Havre and Valencia ports

Marco Nisi, *Head of Integrated Space Based Solution, Sistematica S.p.A., Italy*

10:55 Ask the experts | Your chance to ask questions from the floor**11:05 Morning refreshments and networking within the exhibition**



11:15 **IHMA OGM**

PEOPLE: DIVERSITY, SUSTAINABILITY & PROFESSIONAL DEVELOPMENT

12:00 **Welcome from WISTA Malaysia**

Reshma Yousuf, *Founder and CEO, CLLB (Centre for Logistics Leadership in Business) and President, WISTA Malaysia*

12:10 **WISTA Keynote | What needs to be done for gender equality**

Sanjam Gupta, *Founder, Maritime SheEO, Director, Sitara Shipping and Representative, WISTA*

12:35 **Maritime education and training for a sustainable maritime industry**

Dr Izyan Munirah Mohd Zaideen, *Senior Lecturer, Faculty of Maritime Studies, Universiti Malaysia Terengganu, Malaysia*

13:00 **Professional standards: Update on the Chartered Master Mariner Scheme**

Capt Gary Wilson, *Head of Marine, Associated British Ports (ABP) United Kingdom*

13:15 **Creating career pathways with Industry partnerships**

David Taylor, *Head of Curriculum, Lloyd's Maritime Academy*

13:30 **Ask the experts | Your chance to ask questions from the floor**

13:40 **Lunch and networking within the exhibition**

SEAFARERS & WELLBEING

14:50 **COVID-19 & Seafarer Matters: Challenges & lessons learnt**

Capt Mohamad Halim Ahmed, *Deputy Director General (Planning), Marine Department Malaysia, Malaysia*

15:15 **Feasibility study for the creation of a Seafarers' Centre**

- Research findings and background information for the creation of a Seafarers' Center in St Johns
- Wellbeing, challenges and needs

Morgane Sheppard, *Graduate Student, Marine Institute of Memorial University of Newfoundland, Canada*

15:40 **Maritime Labour Convention: A Bill of Rights for Seafarers?**

Capt Ritesh Chawla, *Manager Coastal Operations, Rio Tinto, Australia*

16:05 **Ask the experts | Your chance to ask questions from the floor**

16:15 **Launch of 2024 Congress**

16:25 **Close of 2022 Congress**

**EVENING | GALA DINNER & AWARDS**

The Gala Dinner & Awards is the perfect setting to celebrate the Congress and industry's achievements. The evening will comprise of pre-dinner drinks, a 3-course dinner & beverages with local performances and entertainment.

18:30 – 19:30 (Pre-dinner drinks)

19:30 – 23:00 (Dinner & Awards)

Grand Ballroom, St Regis Hotel

Dress: Smart business attire

CONGRESS DAY FOUR | Thursday 30th June 2022**TECHNICAL SITE TOURS**

Departing and returning to the Hilton, the tour will include lunch and guided visits to Northport and Westport. Malaysia is a leading maritime nation in the region with 90% of its trade being seaborne. Port Klang, located along the Straits of Malacca, is among the Top 20 container ports in the world.

8:30 – 15:00

Dress: Smart casual attire with closed walking shoes

NB: The tour concludes at 14:00 with the group expected to be back at the Hilton by 15:00

