

ICHCA  
INTERNATIONAL

20/20  
CARGO VISION

NEW RULES | NEW TECH | NEW WORLD  
11-14 NOV 2019 | MALTA



# 20/20 CARGO VISION

## THE ICHCA INTERNATIONAL 2019 CONFERENCE & EXHIBITION

11-14 November 2019 | Hilton Hotel, Malta

**NEW RULES, NEW TECH, NEW WORLD**

KINDLY HOSTED BY



### WHAT IS THIS EVENT ABOUT & WHY IS IT NEEDED?

#### Dear Cargo Industry Colleague

On land and at sea, global cargo handling and operations are undergoing a period of profound change. Along with the immense opportunities and challenges of automation and digitalisation, regulators and industry alike are grappling with the growing demands of safety, security and sustainability.

Responding to climate change and other key challenges to people, planet and profit, as laid out in the UN Sustainable Development Goals, is a now matter of action, not words. Recent reports also indicate that the increase in extreme weather incidents are themselves posing new disruption, loss and safety risks for shipping, port and cargo operations around the world.

Meanwhile, workforce diversity, equality, wellbeing and skills development are also rightly gaining heightened attention, at a time when maritime trade and cargo supply chains are under more active public and regulatory scrutiny than ever before, and with all sectors of industry needing to attract, train and protect the women and men who will power the future.

All this takes place against the backdrop of mega ships, ocean carrier consolidation and alliances, which as discussed at previous ICHCA conferences has put considerable operational pressure on ports and other members of the cargo chain. Ongoing shifts in global trade patterns are also reshaping the scope, scale and

spread of cargo operations, creating a need for investment, capacity building and training on new maritime and inland routes.

With so much change taking place at the same time, there is a pressing need for sustained dialogue between industry and regulators as everyone seeks to define and adapt to an exciting but challenging new reality. Technology holds out great promise, however there is a huge amount of experimentation, failure, lesson learning and change management to do along the way. Development of appropriate standards, protocols and legal frameworks is also crucial. None of this can be achieved in isolation.

Meantime, we are still seeing far too many preventable incidents leading to loss of life, cargo and assets. Not least, recent months have seen a worrying spate of major vessel fires, confined space fatalities of seafarers and port workers, loss and injury due to poor cargo packing, stowage and securing, and fires and other incidents in ports sadly also leading to fatalities. Dangerous goods misdeclaration (and non-declaration) remains a major issue, along with incidents caused by goods that, while not classified as hazardous, can pose significant risks if not properly managed. Everyone deserves to go home safely and our industry has a shared responsibility to make that the daily reality.

Hard-won experience, innovative new thinking and technology all need to come together to move the needle and make a demonstrable difference. As the global NGO for cargo handling and operations, the mission of ICHCA's 20/20 CargoVision conference and exhibition is to facilitate the dialogue, bringing institutional and industry stakeholders together to develop mutual understanding, share experiences, explore innovation and review appropriate policy and regulation that can contribute to safe, clean, compliant and efficient cargo operations.

Shippers, carriers, ports and terminals, inland operators, regulators, researchers, educators, NGOs, equipment, technology, service providers and all those concerned with the safety, security and sustainability of cargo operations on land and at sea are invited to join ICHCA in the Mediterranean hub port of Malta this 11-14 November to help shape the future.

Kindly hosted by Malta Freeport Terminals, the 2019 ICHCA International 20/20 Cargo Vision Conference & Exhibition will feature a tour of the port and 2 full conference days alongside an exhibition, with plenty of high-level networking opportunities including Icebreaker Reception, Official Drinks Reception, 3<sup>rd</sup> TT Club Innovation in Safety Award presented by IMO Safety Director Heike Deggim and 2<sup>nd</sup> A.O John Strang Memorial Award.

The conference & exhibition will be followed by the 82nd meeting of ICHCA's Technical Panel, a global volunteer group of industry professionals dedicated to fostering best industry practice to #makeitsafe.

## SPEAKERS & MODERATORS

### KEYNOTES & WELCOME REMARKS

**Heike Deggim**, Director Maritime Safety Division, **IMO – International Maritime Organization**  
**Hon. Dr. Ian Borg**, Minister for Transport, Infrastructure and Capital Projects, **Government of Malta**  
**Hon Dr. Konrad Mizzi**, Minister for Tourism, **Government of Malta**  
**Joseph Bugeja**, Chairman & CEO, **Transport Malta**  
**Alex Montebello**, CEO, **Malta Freeport Terminals**

### SPEAKERS

**John Beckett**, Chairman, **ICHCA International**  
**Steve Biggs**, Chair of Dockers occupational safety and health, **Unite the Union**  
**Dr. Kate Blackford**, Consultant, **Origami Life**  
**Philippe A. Bocco**, President, **PMAWCA Professional Training Center**  
**Capt. Richard Brough OBE**, Head, **ICHCA International**  
**Steve Cameron**, Managing Director, **CMR & Technical Panel Member**, **ICHCA International**  
**Rafael Company**, Director of European Projects – Innovation UE, **Valenciaport Foundation**  
**Dr. Dimitrios Dalaklis**, Associate Professor (Safety and Security), **World Maritime University**  
**Elmo Diederiks**, Director Development Engineering, **Cordstrap**  
**Bob Dhaliwal**, Secretary Treasurer, **International Longshore and Warehouse Union (ILWU)**  
**James Douglas**, Director, **Exis Technologies**  
**Dr. Tiago Fonseca**, Technical Officer, **World Maritime University**  
**Kevin Furniss**, Vice President – Head of Corporate Safety, **A.P. Moller – Maersk**  
**Manuel Herrera**, Teaching Assistant, **Louvain School of Management**  
**James Hookham**, Secretary General, **Global Shippers Forum & Deputy Chief Executive**, **Freight Transport Association (UK)**  
**Madoka Ikemachi**, Senior Director for Research, **Japan Association for Cargo-Handling Machinery Systems (JACMS)**  
**Laurence Jones**, Director Global Risk Assessment, **TT Club & Deputy Chairman**, **ICHCA International**  
**Lamia Kerdjoudj-Belkaid**, Secretary General, **FEPOR**  
**Lars Kjaer**, Senior Vice President, **World Shipping Council**  
**Doopyo Kong**, Specialist Transport & Maritime Unit, **International Labour Organization (ILO)**  
**Peter Lahay**, ITF Inspector / Coordinator, **International Transport Workers Federation**  
**Ian Lennard**, President, **National Cargo Bureau**  
**Takashi Nakamoto** Director, Engineering Administration Office Ports & Harbours Bureau, **Ministry of Land, Infrastructure, Transport & Tourism (MLIT)**

**Samuel Ntow-Kummi**, General Manager - Corporate Planning, **Ghana Ports and Harbours Authority**

**Charles Oakley**, Head of Commercial Business, **HSE Health and Safety Executive Science and Research Centre**

**Courtney Pecquex**, Advisor, Office of the General Secretary, **International Transport Workers Federation**

**Jason Pratt**, Vice President, Group Health, Safety and Environment, **DP World**

**Steve Price**, LR Safety Accelerator Programme Lead, **Lloyds Register**

**Cedric Rousseau**, QHSSE Terminals & Inland Manager, **CMA CGM Group** & Vice Chairman, **ICHCA Technical Panel**

**Erick H.-Saia**, Director of Safety & Loss Control, **Greenwich Terminals, LLC & Port of the Delaware River Marine Trade Association** & Recording Secretary, Technical Committee,

**Bingbing Song**, Technical Officer – Maritime Safety Division, **IMO – International Maritime Organization**

**Capt. Panos Stavrakakis PhD**, Head of Organizational Health & Wellbeing, **HSE Health and Safety Executive Science and Research Centre**

**Peregrine Storrs-Fox**, Risk Management Director, **TT Club**

**Stephan Trauth**, Vice President, **Yardeye**

**Peter van Duyn**, Maritime Logistics Expert, **Deakin University, Australia**

**Patrick Verhoeven**, Managing Director – Policy and Strategy **International Association of Ports and Harbors (IAPH)**

**Rachael White**, CEO, **Next Level Information**, & Technical Panel Member, **ICHCA International**

**Lukasz Wyrowski**, Economic Affairs Officer, Sustainable Transport Division, **United Nations Economic Commission for Europe (UNECE)**

## MONDAY 11 NOVEMBER | PRE-CONFERENCE PORT TOUR & ICEBREAKER

### 09:00-14:30 ICHCA INTERNATIONAL BOARD MEETING

Open to Board Members & Invited Observers Only

### 14:30-17:00 MALTA FREEPORT TERMINALS PORT TOUR

Buses will depart from and return to the Hilton hotel

### 18:00-20:00 ICEBREAKER RECEPTION at The Hilton Hotel

Start your networking in the beautiful Quarterback hotel bar with drinks, canapes and views over the Marina. Dress code is casual

**TUESDAY 12 NOVEMBER | CONFERENCE DAY 1, AWARDS & RECEPTION**

08:00 Registration desk open | Refreshments, networking & exhibition visits

**09:00 WELCOME, KEYNOTES & PLENARY SESSION:  
NEW RULES, NEW TECH, NEW WORLD – VIEWS FROM REGULATORS & INDUSTRY**

**09:00 Emcee remarks and scene setting**

**Rachael White**, Technical Panel Member & Conference Co-ordinator, **ICHCA International**

**Opening remarks from ICHCA International**

**09:10 John Beckett**, Chairman, **ICHCA International**

**09:15 Capt. Richard Brough OBE**, Head, **ICHCA International**

**Opening remarks from Malta Freeport, Transport Malta & the Government of Malta**

**09:25 Hon Dr. Ian Borg**, Minister for Transport, Infrastructure and Capital Projects, **Government of Malta**

**09:35 Hon Dr. Konrad Mizzi**, Minister for Tourism, **Government of Malta**

**09:45 Joseph Bugeja**, Chairman & CEO, **Transport Malta**

**09:55 Alex Montebello**, CEO, **Malta Freeport Terminals**

**10:10 Regulator Keynote**

**Heike Deggim**, Director Maritime Safety Division, **IMO – International Maritime Organization**

**10:30 Q&A**

**10:40 Refreshments, networking & exhibition visits**

**SESSION 1: AUTOMATION & DIGITALISATION – EMBRACING THE SMART CARGO  
REVOLUTION**

**11:00 Moderator's opening remarks**

**Capt. Richard Brough OBE**, Head, **ICHCA International**

**11:05 Automation and digitalisation in cargo operations – state of the union and future views**

**Madoka Ikemachi**, Senior Director for Research, **Japan Association for Cargo-Handling Machinery Systems (JACMS)**

**11:20 Cyber security threats and defence strategies – rethinking digital and physical security**

**Rafael Company**, Director of European Projects – Innovation UE, **Valenciaport Foundation**

**11:35 The need for standards and frameworks to facilitate effective adoption and integration of new technologies**

**Lamia Kerdjoudj-Belkaid**, Secretary General, **FEPORT**

**11:50 Protecting people in an automated work environment**

**Stephan Trauth**, Vice President, **Yardeye**

**12:05 The cost of automation**

**Bob Dhaliwal**, Secretary Treasurer, **International Longshore and Warehouse Union (ILWU)**

**12:15 PANEL DEBATE:** Digital platforms, AI, IoT, sensors, blockchain, robotics, autonomous vehicles, drones, wearables, VR and remote control... how can smart technologies reduce risk to people, cargo and assets at sea and on land? How do we adapt working practices and regulations to the new world reality?

**With speakers joined by:**

**Laurence Jones**, Director Global Risk Assessment, **TT Club** & Deputy Chairman, **ICHCA International**

**12:45 Lunch, networking & exhibition visits**

## **SESSION 2: EXECUTIVE LEADERS PANEL: RESHAPING THE HSSE AGENDA IN GLOBAL CARGO OPERATIONS**

**14:00 PANEL DEBATE:** This open panel debate will explore the changing role, demands and vision for the HSSE profession in the cargo shipping and handling world. Key talking points include:

- HSSE in the Cargo C-suite
- Redefining the relationship between HSSE, operations, IT, procurement, finance and other core business functions – the need for a more holistic approach?
- How is automation and digitalisation impacting the executive HSSE mandate?
- Achieving a zero-incident, zero-emissions world – what will it take?
- Developing the next generation of HSSE leaders in cargo operations
- Compliance, governance and ethics – what's changing?

**Moderator:**

**Rachael White**, Technical Panel Member, **ICHCA International Ltd** & CEO, **Next Level Information**

**Panel members:**

**Capt. Richard Brough OBE**, Head, **ICHCA International**

**Kevin Furniss**, Vice President – Head of Corporate Safety, **A.P. Moller – Maersk**

**Jason Pratt**, Group – Global Director Health, Safety and Environment, **DP World**

**Cedric Rousseau**, QHSSE Terminals & Inland Manager, **CMA CGM Group** & Vice Chairman,  
**ICHCA Technical Panel**

**Erick H.-Saia**, Director of Safety & Loss Control, **Greenwich Terminals, LLC** & Port of the  
**Delaware River Marine Trade Association** & Recording Secretary, **NMSA Technical Committee**

**15:15 Refreshments, networking & exhibition visits**

**SESSION 3: CARGO PEOPLE - THE FUTURE OF WORK, THE WORKFORCE & WORKPLACES ASHORE & AFLOAT**

**16:00 Moderator's opening remarks:**

**Laurence Jones**, Director Global Risk Assessment, **TT Club** & Deputy Chairman, **ICHCA International**

**16:05 How will automation and digitalisation impact the future of work in cargo transport and handling? The ITF/WMU Transport 2040 Report**

**Dr. Dimitrios Dalaklis**, Associate Professor (Safety and Security), **World Maritime University**

**Dr. Tiago Fonseca**, Technical Officer, **World Maritime University**

**16:35 How can we enhance the human experience and keep people safe, healthy and empowered in the workplace?**

**Dr. Kate Blackford**, Consultant, **Origami Life**

**17:00 PANEL DEBATE**

- How will automation and digitalisation impact the future of work in cargo transport and handling?
- How can we enhance the human experience and keep people safe, productive and well in an era of new technology?
- Workforce diversity, inclusion and attracting the next generation
- Leadership, training and skills development
- Organisational safety, health and wellbeing in the 4IR

**With speakers joined by:**

**Peter Lahay**, ITF Inspector / Coordinator, **International Transport Workers Federation**

**Courtney Pecquex**, Advisor, Office of the General Secretary, **International Transport Workers Federation**

**Patrick Verhoeven**, Managing Director – Policy and Strategy, **International Association of Ports and Harbors (IAPH)**

**17:45 Close of Conference Day 1 - refreshments, networking & exhibition visits**

**19:00 ICHCA INTERNATIONAL OFFICIAL RECEPTION & AWARDS CEREMONY KINDLY HOSTED BY**



Join us for a very special evening of drinks, dinner, entertainment and the awards ceremony at the beautiful Casino Maltese courtesy of Malta Freeport Terminals.

**Dress code is smart, and buses will leave the Hilton hotel at 7pm and return at 11pm.**



**3<sup>RD</sup> TT CLUB INNOVATION IN SAFETY AWARD**

The TT Club Innovation in Safety Award was launched by ICHCA International in 2016 to highlight the importance of safety at a time of increased operational demands on cargo handling infrastructure and operations worldwide. Our goal was equally to champion and celebrate the many companies and individuals around the world who are 100% dedicated to 'making it safe' every day, and to acknowledge and foster innovation to improve safety in cargo operations and logistics.

**Winner and highly commended to be presented by Heike Deggim, Director Maritime Safety Division, IMO – International Maritime Organization with Peregrine Storrs-Fox, Risk Management Director, TT Club**



**JOHN STRANG A.O. MEMORIAL AWARD**

The **John Strang A.O. Memorial Award** was launched by ICHCA in 2017 to recognise an outstanding individual or organisation dedicated to the development of the cargo handling industry; achievements that have led to improvements in efficiency, effectiveness, health and safety, as well as the organisation or individual being a catalyst for positive change and innovation within the industry.

The Strang family have a long history of supporting ICHCA. John's father was involved in its establishment in the 1950s and John himself was a pioneer and ambassador of ICHCA throughout his lifetime. He was appointed an Officer of the Order of Australia (A.O.) in HM The Queen's Birthday Honours List in June 2016, before sadly passing away in September 2016.

**The second John Strang A.O Memorial Award will be presented by Sallie Strang, daughter of John and the third generation of the Strang family to sit on the board of ICHCA International.**



**WEDNESDAY 13 NOVEMBER | CONFERENCE DAY 2**

08:00 Registration desk open | Refreshments, networking & exhibition visits

**SESSION 4: CARGO MARKET FOCUS: THE MEDITERRANEAN, AFRICA AND OBOR**

**09:00 Moderator's opening remarks**

**Steve Cameron**, Managing Director, **CMR** & Technical Panel Member, **ICHCA International**

**09:05 The Mediterranean, Africa and One Belt One Road – changing global trade dynamics**

**Manuel Herrera**, Teaching Assistant, **Louvain School of Management**

**09:25 Development priorities for African cargo and trade**

**Samuel Ntow-Kummi**, General Manager - Corporate Planning, **Ghana Ports and Harbours Authority**

**09:45 Training in African ports**

**Philippe A. Bocco**, President, **PMAWCA Professional Training Center**

**10:05 Q&A**

**10:20 Refreshments, networking & exhibition visits**

**SESSION 5: CONTAINER SUPPLY CHAIN SAFETY & CARGO INTEGRITY**

**10:45 Moderator's opening remarks**

**Capt. Richard Brough OBE**, Head, **ICHCA International**

**10:50 PANEL DEBATE**

**Speakers and panel members:**

**Elmo Diederiks**, Director Development Engineering, **Cordstrap**

**James Hookham**, Secretary General, **Global Shippers Forum & Deputy Chief Executive, Freight Transport Association (UK)**

**Ian Lennard**, President, **National Cargo Bureau**

**Lars Kjaer**, Senior Vice President, **World Shipping Council**

**Bingbing Song**, Technical Officer – Maritime Safety Division, **IMO – International Maritime Organization**

**Peregrine Storrs-Fox**, Risk Management Director, **TT Club**

**Lukasz Wyrowski**, Economic Affairs Officer, Sustainable Transport Division, **United Nations Economic Commission for Europe (UNECE)**

**12:45 Lunch, networking & exhibition visits**

**SESSION 6: HEALTH & SAFETY IN PORTS & MARITIME OPERATIONS #makeitsafe**

**14:00 Moderator's opening remarks**

**Capt. Panos Stavrakakis PhD**, Head of Organizational Health & Wellbeing, **HSE Health and Safety Executive Science and Research Centre**

**14:05 What is it and how can it hurt me? Making hazard recognition and control understandable and approachable**

**Erick H.-Saia**, Director of Safety & Loss Control, **Greenwich Terminals, LLC & Port of the Delaware River Marine Trade Association** & Recording Secretary, Technical Committee, **NMSA**

**14:20 Training tools to improve health & safety in bulk cargo operations**

**Doopyo Kong**, Specialist Transport and Maritime Unit, **International Labour Organization (ILO)**

**14:30 Collaboration between UNITE, HSE and PSS in UK**

**Steve Biggs**, Chair of Dockers occupational safety and health, **Unite the Union**

**14:45 An unconventional approach for health and safety: How a regulator and a classification society combine forces to advance the H&S agenda**

**Charles Oakley**, Head of Commercial Business, **HSE Health and Safety Executive Science and Research Centre**

**Steve Price**, LR Safety Accelerator Programme Lead, **Lloyds Register**

**15:15 Discussion**

**15:30 Refreshments, networking & exhibition visits**

**SESSION 7: SUSTAINABILITY ALONG CONTAINER & BULK CARGO CHAINS #makeitclean #makeitgreen**

**16:00 Moderator's opening remarks**

**Rachael White**, Technical Panel Member, **ICHCA International Ltd & CEO, Next Level Information**

**16:05 Patrick Verhoeven**, Managing Director – Policy and Strategy, **International Association of Ports and Harbors (IAPH)**

**16:20 Countermeasures for Storm Surge in Japan: Lessons from the Damages in the Port of Kobe and Osaka in 2018**

**Takashi Nakamoto** Director, Engineering Administration Office Ports & Harbours Bureau,  
Ministry of Land, Infrastructure, Transport & Tourism (MLIT)

**16:40 Peter van Duyn**, Maritime Logistics Expert, **Deakin University Australia**

**16:55 What Sustainability means in the Terminal Environment**

**Capt. Richard Brough OBE**, Head, ICHCA International

**17:10 Discussion**

**17:30 WRAP UP & CLOSING REMARKS**

**THURSDAY 14 NOVEMBER | ICHCA ITP TECHNICAL PANEL MEETING 82**

Open to ITP Technical Panel Members and guest presenters. Non-Panel Members and Non ICHCA members welcome to attend. See separate agenda