

City of Hamburg – Calling at the smartPORT







Faster, safer, cleaner

Intelligent infrastructure solutions increase efficiency, reliability, and environmental compatibility around the world

Ports are facing enormous technological and logistical challenges. A growing flow of goods must be reliably controlled and transported within a limited space – and at increasingly faster speeds. At the same time, these important hubs for global cargo and passenger services must meet ever higher standards of energy efficiency, environmental compatibility, and operating safety.

As an experienced partner to the port industry, Siemens supplies integrated systems and solutions worldwide – solutions that ensure reliable, efficient, and environmentally compatible port operation, both today and in the future.

siemens.com/iaph

WELCOME TO HAMBURG

Welcome



GRANT GILFILLAN IAPH President & Chief Executive Officer/Directo Port Authority of New

JENS MEIER

Chairman of the

It is my great pleasure on behalf of the International Association of Ports and Harbors to extend a warm welcome to members, visitors and sponsors, to Hamburg for the 29th IAPH World Ports

This event happens every two years and is a highlight in the calendar of all of us involved in managing Ports around the world. The theme of this conference under the banner of "smartPORT" along with the opportunity to experience and see one of the most iconic port/city environments on our planet, represents a unique opportunity. In truth, the port is the city and the city is the port.

This event will also be a significant point in history for our Association as we seek to redefine our future and what IAPH will offer for its members. We will be discussing a new Constitution which we believe will better position us to have a higher profile in our industry, and greater value and more relevance to our members. It is fitting that such a change should happen at a location where an abundance of history sits side by side with innovation and technology - past and future in harmony.

Most importantly this conference will allow us all to renew our friendships and business relationships, build new networks, and share information and ideas in the charming and friendly city of Hamburg.

Willkommen!

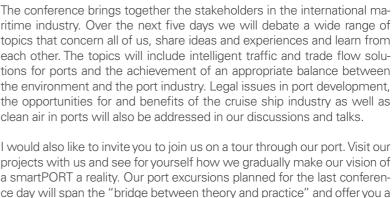


A very warm welcome to Hamburg and - as the North German greeting goes - "moin moin"! I am delighted that you have accepted our invitation to the 29th IAPH World Ports Conference. Some of you have travelled from very far to come here.

ritime industry. Over the next five days we will debate a wide range of topics that concern all of us, share ideas and experiences and learn from each other. The topics will include intelligent traffic and trade flow solutions for ports and the achievement of an appropriate balance between the environment and the port industry. Legal issues in port development, the opportunities for and benefits of the cruise ship industry as well as clean air in ports will also be addressed in our discussions and talks.

I would also like to invite you to join us on a tour through our port. Visit our projects with us and see for yourself how we gradually make our vision of a smartPORT a reality. Our port excursions planned for the last conference day will span the "bridge between theory and practice" and offer you a sometimes exclusive glimpse at several smart projects. We are sure you will enjoy it!

I wish you exciting and thought-provoking discussions, and I am looking forward to inspiring talks with you.





INNOVATIONS

that are great for our guests and the environment.

Alternative power supply AIDAprima has a shore pow connection for use during t time spent in port.

Thanks to the dual-fuel engine, our next generation of ships can be operated in port with environmentally friendly LNG.

In 2015 and 2016, our new ships will be setting new standards in environmental protection.

Did you know that:

- An AIDA ship today consumes an average of just 3 liters of fuel per person per 100 kilometers (confirmed by Germanischer Lloyd)?
- Our comprehensive filter system reduces emissions of soot, sulfur, and nitric oxides by 90 to 99 percent?
- The new ships have a shore power connection?
- Absorption chillers generate refrigeration for air conditioning from the waste heat of the engines?

For more information as well as our Sustainability Report, please visit www.aida.com/aidacares



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General Information

Banks

General banking hours in Hamburg are Monday to Friday from 9 am to 4 pm.

Business Hours – Shops

Shops in the city centre and shopping malls are open Monday to Saturday from 9 am to 8 pm. Shops outside the city centre usually close earlier. Supermarkets often open at 7 am and close at 10 pm. All shops are closed on Sundays.

Climate

All of Germany is in the temperate zone. At around 15°C (59°F), average temperatures in Hamburg in June are spring-like.

Conference Venue

Congress Center Hamburg (CCH), Am Dammtor / Marseiller Str., 20355 Hamburg

Consulates

There are very few cities in the world with as many consulates as Hamburg. Contact Senats-kanzlei (Staatsamt), Rieke Marxen, Rathausmarkt 1, 20095 Hamburg, Tel: +49 40 42831-1834 to check where you can find your country's diplomatic representation.

Currency

Like in all EU Member States the currency in Germany is the euro. The current exchange rate is about US\$ 1.1354 per euro (as of 15 May 2015).

Emergency Phone Numbers

Police: 110 Fire brigade: 112

Emergency doctor/emergency pharmacy service: +49 40 228 022

Emergency dental care service: +49 1805 05 05 18

Health

Doctor's offices are usually open Monday to Thursday from 9 am to 6 pm and Wednesdays from 9 am to 1 pm. Many surgeries are closed on Fridays. In addition 80 hospitals in and around Hamburg offer emergency services around the clock.







Public Transport

The public transport system, Hamburger Verkehrsverband (HVV), is an excellent way to get around the city of Hamburg and the surrounding area. Hamburg has four underground train lines [U-Bahn] and six overground lines [S-Bahn] that serve the entire greater Hamburg area. The S-Bahn services S1 and S11 run from the southwest of Hamburg via the central railway station straight to Hamburg Airport in the north of the city. Various bus services provide links between the U-Bahn and S-Bahn stations. Included in the city's public transport network are the Elbe ferries that carry passengers across the Elbe. For more information about the public transport network and ticket prices go to http://www.hvv.de/en/index.php.

Tax

The VAT currently applicable in Germany is 19 per cent. It is payable on all goods and services. Certain services are charged at 7 per cent VAT or are exempted from VAT. The lower tax rate applies, for example, to cultural offers, public transport or taxis as well as to hotel accommodation or stays in B&Bs.

Taxis

Taxi Hamburg: +49 40 666 666

Hansa Funktaxi: +49 40 211 211/ +49 40 311 311

Das Taxi: +49 40 221 122

A-Z JUMBO TAXI (jumbo taxis for up to 8 persons): +49 800 333 999 0

Tim

Central European Summer Time (MESZ/CEST/CEDT) in Germany is from the end of March to the end of October. Hamburg is one hour ahead of Greenwich Mean Time (GMT) and two hours ahead of Universal Time Coordinated (UTC).

Tipping

Tips are not usually included in the price of a service. There are no rules as to how much a guest should tip. The general guideline is 10 per cent of the invoice value.

Tourist Information Offices

Hamburg Tourismus GmbH: +49 40 300 51 300, www.hamburg-tourism.de

Tourist Office, central railway station: U/S-Bahn Hauptbahnhof, Hauptausgang Kirchenallee,

Mon – Sat 9 am – 7 am, Sun 10 am – 6 pm

Tourist Office, harbour: St. Pauli Landungsbrücken, between bridge 4 and 5,

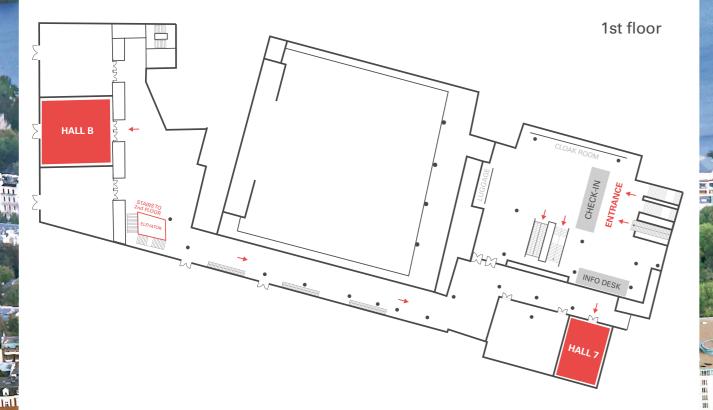
Sun – Wed 9 am – 6 pm, Thu – Sat 9 am – 7 pm

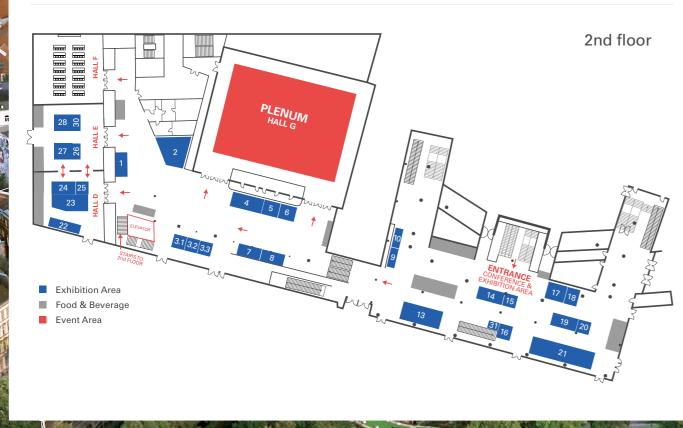
Tourist Office, airport: Flughafen Fuhlsbüttel, Terminal 1+2 (arrival), 6 am – 11 am



CCH (CONGRESS CENTER HAMBURG)

Conference Guide





Exhibitors

Aanderaa Data Instruments AS	Booth No.	16
Becker Marine Systems GmbH & Co. KG	Booth No.	8
bremenports GmbH & Co. KG	Booth No.	17
Brunsbüttel Ports GmbH	Booth No.	10
Busan Port Authority, Ulsan Port Authority, Yeosu Gwangyang Port Authority	Booth No.	21
Cavotec International	Booth No.	20
Cisco Systems GmbH	Booth No.	2
Compass Publications Ltd	Booth No.	3.2
DCN	Booth No.	18
DVV Media Group GmbH "Red Sofa"	Booth No.	22
Esri (Environmental Systems Research Institute, Inc.)	Booth No.	24
Fraunhofer Center for Maritime Logistics and Services CML	Booth No.	15
Hamburg Port Authority	Booth No.	14
HAW Hamburg / E-Harbours Movement	Booth No.	31
Helmholtz-Zentrum Geesthacht, Centre for Materials and Coastal Research	Booth No.	26
Indonesia Port Corporations (I, II, III and IV)	Booth No.	1
INPLAN GmbH	Booth No.	9
Japanese Foundation for IAPH	Booth No.	13
Lufthansa Industry Solutions	Booth No.	23
Phaeros Group BVBA	Booth No.	25
Saab A.B.	Booth No.	27
Schneider Electric	Booth No.	3.1
Seaports of Niedersachsen GmbH, Niedersachsen Ports GmbH & Co. KG, Container Terminal Wilhelmshaven JadeWeserPort-Marketing GmbH & Co. KG	Booth No.	19
Shibata-FenderTeam AG	Booth No.	30
Siemens AG	Booth No.	4
SteelWall ISH GmbH	Booth No.	6
Stemmann-Technik GmbH	Booth No.	7
Transnet National Ports Authority (TNPA)	Booth No.	5
T-Systems International GmbH	Booth No.	3.3
Vacon GmbH	Booth No.	28

Conference Programme SUNDAY, 31 MAY 2015

14.00 – 17.00	Meeting Officers / Strategy Meeting	Salon B Marriott Hotel
18.00	Reception Early Reception	Bricks Tea Bar Renaissance Hotel









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08.	.00 – 09.30	Morning Coffee / Registration	Foyer CCH
09.	30 – 11.15	 Opening Ceremony Grant Gilfillan, IAPH President & Chief Executive Officer/Director, Port Authority of New South Wales, Australia Enak Ferlemann MdB, Parliamentary State Secretary at the Federal Ministry of Transport, Building and Urban Development Minister Frank Horch, Ministry of Economy, Transport and Innovation in Hamburg Jens Meier, Chairman of the Management Board Hamburg Port Authority 	Hall G CCH
11.	15 – 11.45	Keynote The digital Transformation of Business and Society, and its Impact on the Shipping, Ports and maritime Industries by 2030 Gern Leonhard, Futurist, Author, CEO The Futures Agency	Hall G CCH
11.4	45 – 12.00	Exhibition Area Opening Ceremony	Foyer CCH
12.	00 – 13.15	Lunch Break	Foyer CCH
13.	15 – 13.30	Movie Welcome to the Port of Hamburg Port of Hamburg: History & Geography	Hall G CCH
13.	30 – 14.00	Introduction Transformations and Challenges in the global Economy The Importance of smartPORTs in global Competition – Challenges and Solutions DiplIng. Marco Lippuner, Senior Vice President Infrastructure & Industr Sales, Siemens AG, Energy Management Division	Hall G CCH
14.	00 – 14.30	Introduction Transformations and Challenges in the global Economy What are the Threats and Opportunities for international Shipping in the Future? Peter Hinchliffe OBE, Secretary General International Chamber of Shipping	CCH
14.	30 – 15.00	Coffee Break	Foyer CCH
15.	00 – 15.20	Overview Bigger Vessels – bigger Challenges	Hall G CCH



	Parago III		-
15.20 – 15.40	Overview The Evolution of Containership Size Jost Bergmann, Business Director for		CCH
15.40 – 15.50	Statement Mega-Ships: still for the common g Olaf Merk, Administrator Ports and Sh Forum (ITF) at OECD	ood?	Hall G CCH
15.50 – 16.00	When a Mega Carrier enters the Por Capt. Salvatore Cafiero, Environmenta at MSC P/Sorrento- Italy		CCH
16.00 – 16.10	Statement Traffic Control: Challenges and Solutof Mega-Ships on the River Elbe an Jörg Pollmann, Harbour Master of the	d in the Port of Hamburg	Hall G CCH
16.10 – 16.20	Statement Challenges and Solutions dealing w Container Vessels – the Perspective Benjamin Lai, Managing Director DaC Modern Terminals Limited	of a Terminal Operator	Hall G CCH
16.20 – 17.05	Future Prospects: What will the Impa Are there Limits to Growth? Who ber PD Dr Christian Growitsch, Jost Bergm Jörg Pollmann, Benjamin Lai, Moderat	nefits, who loses out? nann, Olaf Merk, Capt. Salvatore Ca	? CCH
18.30	Dinner Maritime Dinner Shuttle bus departure: 18.15 Marriott,	Maritime Modercure & Renaissance Hotel	useum

Programme WEDNESDAY, 3 JUNE 2015

08.00 - 09.00	Morning Coffee		Foyer CCH
09.00 - 09.20	Overview	smartPORT logistics: Challenges	Hall G
	IT is ready for smart Solutions Volker Worthmann, Director Transport & Lo	gistics, Lufthansa Industry Solu	CCH utions
09.20 - 09.40	Overview	smartPORT logistics: Challenges	Hall G
	Why do Ports have to become smart? Wim Elfrink, Executive Vice President, Ind Chief Globalisation Officer at Cisco	ustry Solutions and	CCH
09.40 – 10.10	Coffee Break		Foyer CCH



10.10 – 10.30	Statement	smartPORT logistics: Solutions	Hall G CCH
	smartPORT Hamburg – "How to dres Jens Meier, Chairman of the Manageme		ty
10.30 - 10.45	Statement	smartPORT logistics: Solutions	Hall G CCH
	An Arabian Perspective on Industry Tr A View from the Bridge of DP World Patrick Bol, Director Global Operations D		
10.45 - 10.55	Statement	smartPORT logistics: Solutions	
	What can a Port do to effectively man Congestion – Truck Marshalling Autor Performance Indicator Control as a So Michael Pal, Principal Transport Analyst	nation and Key Ilution	CCH

10.55 - 11.05 Statement smartPORT logistics: Solutions Hall G smartPORT Valencia - Challenges, Solutions and Visions José García de la Guia, Director of Information Technologies Valencia Port Authority 11.05 – 12.00 Discussion smartPORT logistics: Challenges & Solutions Hall G **Demands on intelligent Ports: Where is there a Need for Action?** Volker Worthmann, Wim Elfrink, Jens Meier, Patrick Bol, Michael Pal, José García de la Guia, Moderator: Max Boodie 12.00 - 13.00 Lunch Break 13.00 - 13.15 Movie smartPORT Hamburg Hall G Port of Hamburg: Vision & Future 13.15 - 13.35 Overview International environmental Standards at Sea - Development, Implementation and Monitoring. Consequences and future Developments Monika Breuch-Moritz, President of the Federal Maritime and Hydrographic Agency in Hamburg and Rostock 13.35 - 13.55 Overview smartPORT energy: Challenges Hall G How even minor Changes can increase Energy Efficiency significantly Henning Kinkhorst, Managing Director HPC Hamburg Port Consulting GmbH 13.55 - 14.25 Coffee Break



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Welcome to the World Ports Conference!

From June 1st to 5th, the Port of Hamburg is where the world gathers. As the host of the **29th IAPH World Ports Conference** we are delighted to welcome you to the maritime summit to discuss highly topical issues on the basis of a trade-off between economic and environmental benefits.

What can we do to make our ports more efficient? How can we achieve environmental goals? What makes Hamburg a **smartPORT**? Let Hamburg inspire you - look forward to an exciting conference programme featuring top-notch speakers and fabulous social events.

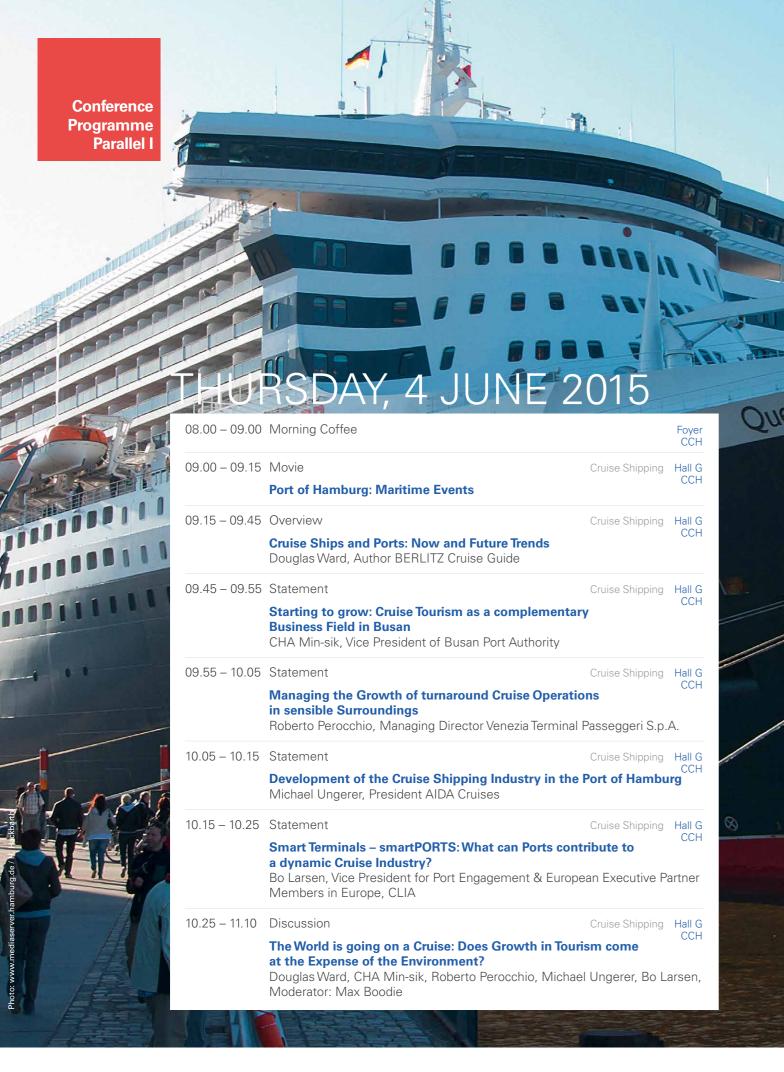
We wish you an enjoyable conference week!

City of Hamburg – Calling at the **smartPORT**



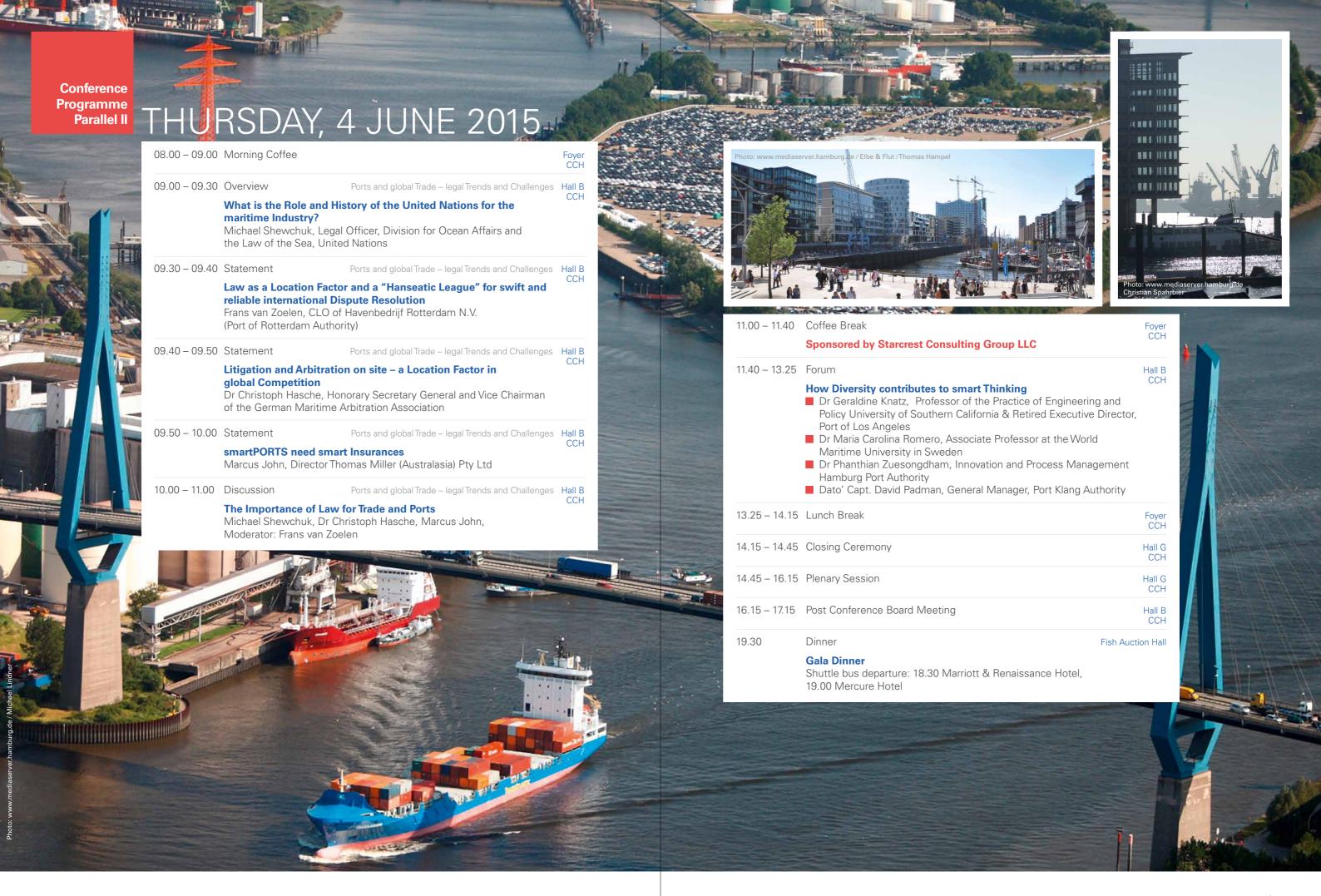


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11.10 – 11.40	Coffee Break Sponsored by Starcrest Consulting Group LLC		Foyer CCH
11.40 – 12.10	Overview Clean Air in Ports – Potential for Improving Air Quality Alexander Porschke, President of NABU Hamburg (Nature and Biodiversity Conservation Union)		Hall G CCH
12.10 – 12.20	Statement Clean Air Solutions in the Ports of Copenhagen and Johan Röstin, CEO of Copenhagen Malmö Port AB	Clean Air in Ports Malmö	Hall G CCH
12.20 – 12.30	Statement Clean Air 2.0 Gene Seroka, Executive Director of Port of Los Angeles	Clean Air in Ports	Hall G CCH
12.30 – 12.40	Statement Hong Kong's Action to clean Up Maritime Emission Christine Loh, Under Secretary for the Environment, Hong Kong Special Administrative Region Government	Clean Air in Ports	Hall G CCH
12.40 – 13.25	Discussion Corporate Responsibility and Business Challenge Alexander Porschke, Johan Röstin, Gene Seroka, Christ Moderator: Max Boodie	Clean Air in Ports	Hall G CCH
13.25 – 14.15	Lunch Break		Foyer CCH
14.15 – 14.45	Closing Ceremony		Hall G CCH
14.45 – 16.15	Plenary Session		Hall G CCH
16.15 – 17.15	Post Conference Board Meeting		Hall B CCH
19.30	Dinner Gala Dinner Shuttle bus departure: 18.30 Marriott & Renaissance H 19.00 Mercure Hotel	Fish Auct	ion Hall





Workshops THURSDAY, 4 JUNE 2015

09.30 - 12.00 Workshop



LNG for Shipping: Risks and Opportunities

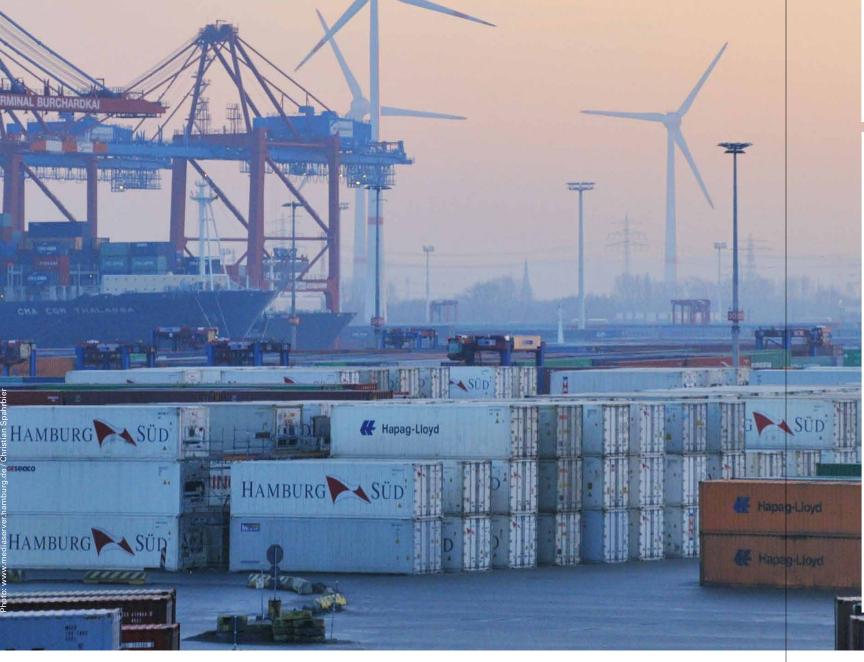
The European Commission has launched a study on the perception of the risks and opportunities of LNG as a shipping fuel. You are cordially invited to discuss with us the preliminary findings.

11.40 – 14.15 Workshop

Hall F CCH

SAP

Smart Ports, Smart Networks - Digitalizing Services with SAP

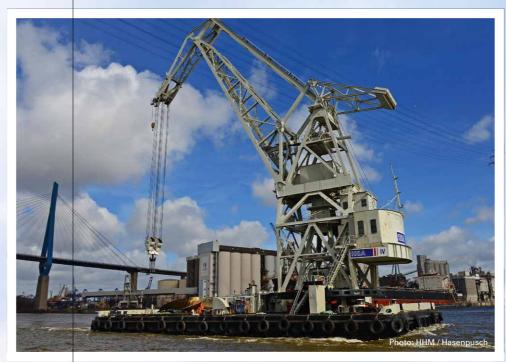






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Programme HAMBURG AT NIGHT



Sunday, May 31st, 18.00

Early Reception

All "Early Birds" arriving on Sunday are invited to join us for our Early Reception. The Bricks Tea Bar & Lounge at the Renaissance Hamburg Hotel offers the perfect setting to meet and catch up with delegates, network and socialise. Snacks and drinks will be served.

Recommended dress code: smart casual

Bricks Tea Bar, Renaissance Hamburg Hotel



Monday, June 1st, 18.30

Welcome Reception & Dinner

To start the conference week the Hamburg Port Authority and the Hamburg Chamber of Commerce would like to invite you to a Welcome Dinner at the premises of the Hamburg Chamber of Commerce in the Neue Börse (new stock exchange) building. Before that Hamburg's Rathaus (City Hall) will open its doors for an official reception hosted by the Senate of the Free and Hanseatic City of Hamburg.

Recommended dress code: smart casual

Shuttle bus departure: 18.00 Mercure Hotel, 18.15 Marriott & Renaissance Hotel Hamburg City Hall/Hamburg Chamber of Commerce

Tuesday, June 2nd, 18.30

Maritime Dinner

At the Maritime Dinner guests can go on an expedition through 3000 years of human history. The Maritime Museum is full of stories of explorers and conquerors, captains and common seamen. Spread over nine floors or "decks", as the exhibition spaces are called, exhibits of the world's largest private maritime collection are on display. Guests will also be treated to a sumptuous maritime buffet and given the opportunity to mingle and network.

Recommended dress code: smart casual

Shuttle bus departure: 18.15 Marriott, Mercure & Renaissance Hotel Maritime Museum

Wednesday, June 3rd, 18.30

Bali Night

Come along on a trip to the South Seas. The Indonesia Port Corporation invites to a Bali Night at Beach Hamburg. White sand under your feet, Balinese sounds and exotic cocktails will give you a first idea of the country that will host the IAPH World Ports Conference in 2017.

Recommended dress code: casual summer wear (The event will take place on sand. You may take off your shoes.)

Shuttle bus departure: 17.50 Marriott, Mercure & Renaissance Hotel Beach Hamburg



Thursday, June 4th, 19.30

Gala Dinner

The Gala Dinner will be one of the highlights of the conference. The Hamburg Port Authority has chosen to hold the event at Hamburg's Fish Auction Hall [Fischauktionshalle]: The traditional atmosphere of the market hall, situated directly on the banks of the River Elbe with a view of the harbour, will be a perfect setting. The event itself will be equally fascinating. Guests will be taken back in time to the 1960s when a band kicked off one of the greatest musical careers ever in Hamburg: the Beatles.

Recommended dress code: business attire

Shuttle bus departure: 18.30 Marriott & Renaissance Hotel, 19.00 Mercure Hotel Fish Auction Hall



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Option 1: Airbus

Time: 10.15 – 16.00, Transport: by Bus/by Foot

Visit the Airbus headquarters in Hamburg, Germany, and meet the A380 from up close and personal. A shuttle bus will take you to the Airbus plant in Finkenwerder. After the Airbus tour you will enjoy lunch at the "Rilano River View Restaurant" before the bus takes you back to

Shuttle bus departure: 08.45 Marriott Hotel, 09.00 Renaissance Hotel, 09.15 Mercure Hotel

Option 2: Holsten Brauerei (Brewery)

Time: 09.00 - 14.00, Transport: by Bus/by Foot

Take a peek behind the scenes of the brewery located in the heart of Hamburg and enjoy an exciting journey through the world of modern-time beer brewing. Founded in 1897 Holsten Brauerei today is one of the largest brewery groups in Germany. The tour includes a visit to the production facilities, beer tasting and a hearty snack.

Shuttle bus departure: 08.10 Marriott Hotel, 08.25 Renaissance Hotel, 08.45 Mercure Hotel

Tuesday, 2 June 2015

Option 1: Model Railway & Hamburg by Double-decker Bus

Time: 10.00 – 16.00. Transport: by Bus

A shuttle bus will take you to Hamburg's Miniaturwunderland in the famous warehouse city [Speicherstadt]. The about two-hour-long tour will show you an extraordinary miniature world. 15,000 wagons on 13,000 metres of tracks - Hamburg's miniature wonderland is the home of the world's largest computer-controlled model railway. After lunch that will be served at a Hamburg-typical location, the uppermost floor of an old warehouse, a double-decker bus will whisk you off on a tradition-meets-modern-times tour through Hamburg.

Shuttle bus departure: 08.15 Renaissance Hotel, 09.00 Marriott Hotel, 09.30 Mercure Hotel

Option 2: Hamburg on Foot & Model Railway

Time: 09.30 – 16.15, Transport: by Foot

The alleyway guarter [Gängeviertel] and merchant houses, canals [Fleete] and warehouses as well as stories from the past, the Great Fire of 1842 and the cholera epidemic - all that forms part of Hamburg's development from a settlement to a city with more than a million inhabitants. Discover the many faces of the Hanseatic city. After the approximately two-hour-long tour, a well-deserved lunch will be waiting for you at a Hamburg-typical location, the uppermost floor of an old warehouse. Thus fortified you will be ready to enjoy a visit to the world's largest model railway, Hamburg's Miniaturwunderland.

Shuttle bus departure: 08.30 Marriott Hotel, 08.45 Renaissance Hotel, 09.00 Mercure Hotel

Wednesday, 3 June 2015

Option 1: Buxtehude & Visit to Obsthof Lefers (Orchard)

Time: 10.00 – 17.00. Transport: by Foot

Just outside the gates of Hamburg, at the edge of the Altes Land, you will find Buxtehude. After a visit to the port town, which was founded almost one thousand years ago and is known for its Gothic-style brick buildings, you will explore the countryside and visit an orchard located on the south side of the Elbe in Europe's largest continuous fruit-growing region. The day will come to a relaxing close with a cup of coffee and home-made butter cake and apple cake at the orchard.

Shuttle bus departure: 08.15 Marriott Hotel, 08.30 Renaissance Hotel, 08.45 Mercure Hotel

Option 2: Buxtehude & Tour through the Altes Land

Time: 10.00 – 17.00, Transport: by Bus

The tour through Buxtehude starts in the historical part of the town. You will walk along the old cobblestone street past the St. Petri church - the town's landmark, - the old town hall and the many century-old half-timbered houses. After the tour you will experience the beauty of the Altes Land, Europe's largest continuous fruit-growing region. In spring, when millions of fruit trees are in blossom, the area becomes a popular day-trip destination. The day will come to a relaxing close with a cup of coffee and home-made butter cake and apple cake at the orchard.

Shuttle bus departure: 08.15 Marriott Hotel, 08.30 Renaissance Hotel, 08.45 Mercure Hotel





Thursday, 4 June 2015

Option 1: On foot through the District of Blankenese & by Boat through the Port

Time: 10.00 – 14.40, Transport: by Foot/by Boat

A walk through the quaint staircase quarter [Treppenviertel] of Blankenese, Hamburg's picturesque district right on the banks of the Elbe, is particularly interesting. Climb up and down the many steps and you will be rewarded with spectacular views of the Elbe and the Altes Land. After an approximately two-hour-long walk, a launch boat will take you to Hamburg Landungsbrücken. On board you will learn interesting facts about the Port of Hamburg and enjoy a beautiful view of Hamburg and its port while having lunch.

Shuttle bus departure: 08.20 Marriott Hotel, 08.35 Renaissance Hotel, 08.50 Mercure Hotel

Option 2: Hamburg Museum & Boat Tour on Lake Alster

Time: 10.00 - 15.15, Transport: by Boat

If you want to know more about how the city developed from the missionary castle of Hammaburg into the proud Hanseatic city and proverbial "gateway to the world" of today, the Hamburg Museum is the place to go. The museum's building on Holstenwall was opened in 1922. Today it is the home of Germany's largest collection of city history. The visit will be followed by a boat trip on Lake Alster. Lunch will be served while you are gliding by green banks that are home to many water bird species and rare plants.

Shuttle bus departure: 09.00 Marriott Hotel, 09.15 Renaissance Hotel, 09.30 Mercure Hotel



OFFICIAL PORT TOUR

Friday, 5 June 2015

A Tour through the Port of Hamburg

Time: 09.30 - 13.30, Transport: by Boat

On a three-hour boat tour through the Port of Hamburg you will discover how, in Hamburg, intelligent port management works in practice. Intelligent infrastructure, innovative mobility concepts and energy efficiency form part of the HPA's strategy to make the Port of Hamburg a smartPORT. You will also experience the diversity of the universal port of Hamburg: the general and bulk cargo terminals, various warehouses, shipyards and Hamburg's unique shoreside infrastructure. The tour concludes with lunch at the Duckdalben, Hamburg's international seamen's club, around noon.

Shuttle bus departure: 08.45 Marriott Hotel, 09.00 Mercure & Renaissance Hotel



smartPORT EXCURSIONS

Excursion 1: smartPORT logistics: From Collecting Information to Displaying it Time: 09.00 – 13.30, Transport: by Bus

The tour through our intelligent port will give you the opportunity to experience the smart-PORT from up close. To introduce you to the concept of smartPORT logistics, we will show you on site how we collect traffic and infrastructure information and how we use it. On the example of a few selected pilot projects you will gain an idea of the technologies we deploy and the local particularities. One of the projects we will show you will be an innovative intelligent parking solution. We will also introduce to you the smartROAD project under which intelligent technology has been installed along a road section in the Port of Hamburg. The tour concludes with lunch at the Duckdalben, Hamburg's international seamen's club, around noon.

Shuttle bus departure: 08.15 Marriott Hotel, 08.30 Renaissance Hotel, 08.45 Mercure Hotel

Excursion 2: smartPORT energy and Vessel Traffic Service (VTS) Centre Time: 09.30 – 13.30, Transport: by Boat

You will be picked up from your hotel and brought to the pier, where a launch boat will take you on a tour through the port to show you some of our smartPORT energy projects. You will have the opportunity to look at our shore-power-for-cruise-ships projects and you see one of the world's most modern container terminals where electric AGV (Automated Guided Vehicles) are used. The last stop will be the VTS Centre, where you will disembark for a guided tour through the Port of Hamburg's new, ultra-modern heart of navigation. The tour concludes with lunch at the Duckdalben, Hamburg's international seamen's club, around noon.

Shuttle bus departure: 08.20 Marriott Hotel, 08.35 Renaissance Hotel, 08.50 Mercure Hotel

Excursion 3: smartPORT energy: Shore Power for Cruise Ships Time: 09.00 – 13.30, Transport: by Bus

This tour will take you to the two project sites in the Port of Hamburg, where shore power is supplied to cruise ships. You will be picked up from your hotel and taken to the cruise terminal in Altona. There you will have the opportunity to visit the first fixed shore power facility for cruise ships in Europe. Afterwards you will be taken to the cruise terminal in HafenCity where you can visit the second external-power-for-cruise-ships project in the Port of Hamburg. Here, the HPA installed the landside infrastructure to have power supplied to vessels via an LNG hybrid barge that generates electricity via motors powered by LNG. The tour concludes with lunch at the Duckdalben, Hamburgs international seamen's club, around noon.

Shuttle bus departure: 08.30 Marriott Hotel, 08.45 Renaissance Hotel, 09.00 Mercure Hotel



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Jost Bergmann

Business Director for Container Ships of DNV GL

In 2010 Jost was appointed business director for container ships at DNV and was confirmed in this position in 2013 after DNV and GL merged. In this function Jost is responsible for business development, e.g. planning, coordination and follow-up of activities that contribute to safer, smarter and greener container shipping. Mr Bergmann is a naval architect (MSc) by training and has more than 20 years of work experience in shipbuilding and shipping.

2 June 2015, 15.20, Hall G, CCH Overview 2 June 2015, 16.20, Hall G, CCH Discussion



Max Boodie

Moderator 29th IAPH World Ports Conference

Max started his career in 1990 at a Dutch consultancy. Until 2005 he was actively involved in numerous procurement and logistics projects in the private and public sector. In 2005 he started a joint venture with DPA Group N.V., where he became a member of the two-member executive board in 2010. Since 2012 Max has been busy investing in technology-driven start-ups. Max Boodie is the author of several books about procurement and supply chain management. His most recent book is about temporary employment and staffing in the Netherlands from a sourcing perspective.

In 2013 he won everyone over when he moderated the "International Association of Ports and Harbors (IAPH) Africa/Europe Regional Meeting" in Amsterdam.



Lutz M. Birke

Head of Corporate Management and Public Affairs Hamburg Port Authority

Since 2010, Lutz M. Birke has worked for the Hamburg Port Authority: First he has been in charge for corporate and port strategy, since 1 May 2015, Lutz M. Birke has been in charge of corporate management and public affairs. His civil career started in 2005 with the Hamburg state parliament. In 2007 he first transferred to the state ministry of urban development and environment, in 2008 he became head of the state minister's office of the state ministry of economic and labour affairs. Birke holds a degree in business administration with a special emphasis on controlling and marketing.

3 June 2015, 14.35, Hall G, CCH Statement 3 June 2015, 15.00, Hall G, CCH Discussion



Patrick Bol

Director Global Operations DPWorld Head Office Dubai

Patrick Bol is a container terminal executive with over 25 years of experience in the port business, from the ship deck to the executive management. He managed terminals operations and led the business units in Rotterdam, Indonesia, Djibouti, Busan, Saigon and now holds the position of Director Global Operations of DPWorld's head office. He takes great pride in optimising logistical processes and achieving the impossible in the most challenging environments, from Africa to Europe, building and motivating multicultural teams that can achieve the highest productivity levels in a cost efficient manner.

3 June 2015, 10.30, Hall G, CCH Statement 3 June 2015, 11.05, Hall G, CCH



Monika Breuch-Moritz

President of the Federal Maritime and Hydrographic Agency in Hamburg and Rostock

Monika Breuch-Moritz is a graduate meteorologist. In 1989, she joined the Federal Ministry of Transport, weather service division. She was a member of the German delegation to the Second World Climate Conference and IPCC. In 2007 Monika was made head of Climate and Environmental Policy in Maritime Shipping focusing on the further development of environmental regulations in shipping. In October 2008 she was named president of the Federal Maritime and Hydrographic Agency in Hamburg and Rostock.

3 June 2015, 13.15, Hall G, CCH Overview 3 June 2015, 15.00, Hall G, CCH Discussion



CHA Min-sik

Vice President of Busan Port Authority

As the Vice President of Busan Port Authority (BPA) in South Korea Mr CHA is responsible for the overall business plan, management, budget and finances of BPA. He aims to develop Busan Port's role as a transhipment hub of the north-east Asian region through global planning and strategic vision by fulfilling those responsibilities. Mr CHA graduated from Seoul National University where he earned his BA and MA degrees in law. He also obtained his PhD in law by writing a thesis on the duties of nations and state-owned companies.

4 June 2015, 09.45, Hall G, CCH Statement 4 June 2015, 10.25, Hall G, CCH



Capt. Salvatore Cafiero

Environmental Manager & Training Officer at MSC P/Sorrento - Italy

Captain Salvatore Cafiero grew up in a seaman's family. He was educated at the "Nino Bixio" Nautical Institute in Piano di Sorrento, where he graduated in 1980. After sailing in all ranks, he was promoted to master of a chemical tanker in 1988. In 1997 he started sailing with MSC, and proudly continued his career on last-generation container vessels. Today Cafiero is a training officer and environmental manager. He is also in charge of risk assessment of huge vessels of the MSC OSCAR and MSC LONDON classes and responsible for the MSC training site, using a full mission bridge/eng simulator.

Hall G, CCH 2 June 2015, 15.50 Statement 2 June 2015, 16.20 Hall G. CCH Discussion



Wim Elfrink

Executive Vice President, Industry Solutions and Chief Globalisation Officer at

In this role he is responsible for three global functions at Cisco: the industry solutions group, the emerging countries initiatives, and the company's globalisation strategy. Elfrink is an Executive Officer and sits on Cisco's operating committee. Elfrink is also recognised as Cisco's corporate entrepreneur in Residence, responsible for leading company-wide efforts in support of the "internet of everything" (IoE) and the "internet of things" (IoT). A core focus of Elfrink's global charter is to identify significant technology opportunities for city, country and business transformation.

3 June 2015, 09.20, Hall G, CCH 3 June 2015, 11.05, Hall G, CCH

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Speakers



Enak Ferlemann

Parliamentary State Secretary at the Federal Ministry of Transport, Building and Urban Development

2 June, 09.30, Hall G, CCH **Opening Ceremony**



Grant Gilfillan

IAPH President & Chief Executive Officer/Director, Port Authority of New South Wales, Australia

2 June. 09.30. Hall G. CCH Opening Ceremony







José García de la Guía

Director of Information Technologies Valencia Port Authority

Mr García has been working in the IT sector at the port of Valencia for 20 years. Since 2007 he's been working for the Valencia Port Authority in Spain, in the last year as the IT Manager. From 2004 - 2007 Mr Garcia worked for the Valenciaport Foundation, where he managed the creation process of the port community system, valenciaporpcs.net, and several research projects in the field of IT applied to logistics. Mr García holds a bachelor's degree in telecommunications engineering and an MBA from INEDE Business School – Valencia Catholic University in Spain.

3 June 2015, 10.55, Hall G, CCH Statement 3 June 2015. 11.05. Hall G. CCH Discussion



PD Dr Christian Growitsch

Director of the Hamburg Institute of International Economics (HWWI)

Christian Growitsch has held the position of Managing Director of the Hamburg Institute of International Economics (HWWI) since September 2014. Before that he served as a director of applied research and member of the management board of the Institute of Energy Economics at the University of Cologne. After studying business administration, economics and social sciences Christian earned his doctorate at the University of Lüneburg. In 2010 he earned his German post-doc degree at the University of Halle-Wittenberg.

2 June 2015, 15.00, Hall G, CCH Overview 2 June 2015, 16.20, Hall G, CCH



Dr Christoph Hasche

Honorary Secretary General and Vice Chairman of the German Maritime Arbitration Association

As a managing partner of one of the leading German shipping law firms, Fleet Hamburg LLP, Dr Christoph Hasche specialises in assisting clients from the maritime industry in their day-to-day business, conducting court proceedings and maritime arbitrations. He has lectured at the International Tribunal of the Law of the Sea, the Bucerius Law School and the University of Hamburg. Christoph is a member of the International Bar Association, the German Association of International Maritime Law and the London Maritime Arbitrators' Association.

4 June 2015, 09.40, Hall B, CCH Statement 4 June 2015. 10.00. Hall B. CCH Discussion



Dipl.-Ing. Robert Howe

Managing Director Bremenports GmbH & Co. KG

Robert Howe was born in 1962. He graduated with a master of science in civil engineering from TU Braunschweig (the Brunswick Institute of Technology) in Germany in 1992. Mr Howe started his career with Philip Holzmann AG, a German building and construction company based in Hanover, where he worked for around 10 years. In 2002 he changed employment to Ed. Züblin AG, a German building and construction company with offices in Bremen and Hamburg. Mr Howe joined bremenports Ltd., the publicly owned ports management company of the state of Bremen, as Managing Director in 2012.

3 June 2015, 14.50, Hall G, CCH Statement 3 June 2015, 15.00, Hall G, CCH Discussion





Peter Hinchliffe OBE

Secretary General International Chamber of Shipping

Peter Hinchliffe enjoyed a first career in the British Royal Navy, that included over 20 years at sea and 5 years in seagoing command. As well as benefitting from naval professional training he also gained a civilian BSc (Hons) in management. Peter joined ICS in 2001 and for several years led ICS representation on maritime safety, security and environmental issues at the IMO and in other forums. In 2010 he was appointed Secretary General of ICS.

2 June 2015, 14.00, Hall G, CCH Introduction







Managing Director HPC Hamburg Port Consulting GmbH

HPC is one of the world's leading management consulting companies in the port and transport sector. Prior to joining HPC in 2014 Henning gained over 15 years of industry experience in various senior management positions with Germanischer Lloyd SE and the A.P.Moeller / Maersk Group. Throughout his professional career in shipping and logistics, he has worked on many projects worldwide e.g. optimising network deployments, market positioning in the Asia/Pacific region and fleet development strategy for next-generation vessels.

3 June 2015, 13.35, Hall G, CCH 3 June 2015, 15.00, Hall G. CCH Discussion



Dr Geraldine Knatz

Prof. of the Practice of Engineering and Policy University of Southern California & Retired Executive Director, Port of LA

Geraldine Knatz served as the executive director of the Port of Los Angeles from 2006 to January 2014. She was the first woman to serve in this role and made a significant impact through the creation and implementation of the San Pedro Bay Ports Clean Air Action Plan, an aggressive plan that reduced air emissions by combined port operations of over 70 per cent over five years which is recognised around the world for its innovation and success. In 2014, she was named a member of the National Academy of Engineering in recognition of her international leadership in the engineering and development of environmentally clean urban seaports.

4 June 2015, 11.40, Hall B, CCH



Benjamin Lai

Managing Director DaChan Bay Terminal, Modern Terminals Ltd

In 2012 Benjamin Lai was appointed Managing Director at Da Chan Bay Terminal. Prior to joining Modern Terminals (2002), he was director business development of New World CyberBase, the IT arm of the New World Group. Benjamin spent 6 years working in the USA and Canada for various IT companies in their business development divisions. He holds a bachelor's degree from the University of North Carolina at Charlotte and an executive MBA from Northwestern University's Kellogg School of Management and Hong Kong University of Science and Technology.

2 June 2015, 16.10, Hall G, CCH Statement 2 June 2015, 16.20, Hall G, CCH Discussion



Bo Larsen

Vice President for Port Engagement & European in Europe, CLIA

A managerial

within travel including 20 years with the airline industry followed by several years with Cruise Baltic and the Cruise Copenhagen Network. He has extensive knowledge of the global port and destination sector and plays a key role in helping to develop CLIA's strategic programme of benefits and events for member partners. Bo also manages CLIA's global and European Port & Destination Committees. In January 2015, Bo became CLIA's Vice-President for Port Engagement & European Executive Partner Members in Europe.

Statement 4 June 2015, 10.25, Hall G, CCH Discussion





Speakers



Roberto Perocchio

Managing Director of Venezia Terminal Passeggeri S.p.A.

After obtaining his legal degree, Roberto Perocchio became a member of the executive council of the Italian Marine Industry Association (1990 - 2008). In 2009 he was appointed chairman of ICOMIA Marinas Group (International Council of Marine Industries Associations). From 2010 to 2011 he held the position of director EU relations/Adriatic Sea at MEDCRUISE. In 2011 he became a member of the board of directors of Catania Cruise Terminal S.r.l. He has served as national vice president of Federturismo Confindustria since 2013.

4 June 2015, 09.55, Hall G, CCH Statement 4 June 2015, 10,25, Hall G, CCH Discussion



Alexander Porschke

President of NABU Hamburg (Nature and Biodiversity Conservation Union)

Alexander Porschke has served as President of the NABU (Nature and Biodiversity Conservation Union) office in Hamburg since 2010. NABU is one of Germany's biggest environmental NGOs (500 000 members). From 1997 to 2001 Alexander was Hamburg's minister for the environment and from 2004 to 2007 he worked as a freelance consultant and trainer in South America (Peru, Ecuador and Guatemala) for a variety of international organisations.

4 June 2015, 11.40, Hall G, CCH Overview 4 June 2015, 12.40, Hall G, CCH Discussion



Jörg Pollmann

Harbour Master of the Port of Hamburg

Captain Jörg Pollmann holds an overseas master mariner's licence and a diploma in nautical science. He spent 12 years at sea on board general cargo and container ships and has extensive experience in port and terminal management. In 1994 Jörg joined the Hamburg Port Authority and was appointed Harbour Master.

2 June 2015, 16.00, Hall G, CCH

2 June 2015, 16,20, Hall G. CCH

Port AB

After completing his business and so-

ciology studies at the University of Lund

in 1990, Johan Röstin worked at ACE Air

Cargo Express. He was a branch manager

at Air Express International in Gothenburg

from 1995 to 1998 and switched to SAS

Cargo Sweden where he was made sales

director for Scandinavia in 2004. From 2004 to 2009 Johan worked for Schenker. He

assumed the role of CEO of Copenhagen

Malmö Port AB in 2009. Johan is the vice

chairman of the Swedish Ports Association

and board of director at TransportGruppen.

4 June 2015, 12.10, Hall G, CCH

4 June 2015, 12.40, Hall G, CCH

Statement

Discussion

Johan Röstin

CEO of Copenhagen Malmö

Statement

Discussion



Dr Maria Carolina Romero

Associate Professor at the World Maritime University in Sweden

Dr Maria Carolina Romero Lares has been involved in the maritime sector for over 15 years. For her doctoral dissertation titled "Liability for Oil Pollution Damage from Tanker Accidents", originally written in German at the Leibniz University of Hanover, she was awarded a cum laude. She was the first woman to direct the International Office of the Venezuelan Maritime Administration and the first one promoted to associate professor at WMU. As an advocate for women's rights in the maritime and port sectors, she has publications on the topic.

4 June 2015, 11.40, Hall B, CCH



Olaf Scholz

First Mayor of the City of Hamburg

1 June 2015, 19.00, Hamburg City Hall



Gun Rudeberg

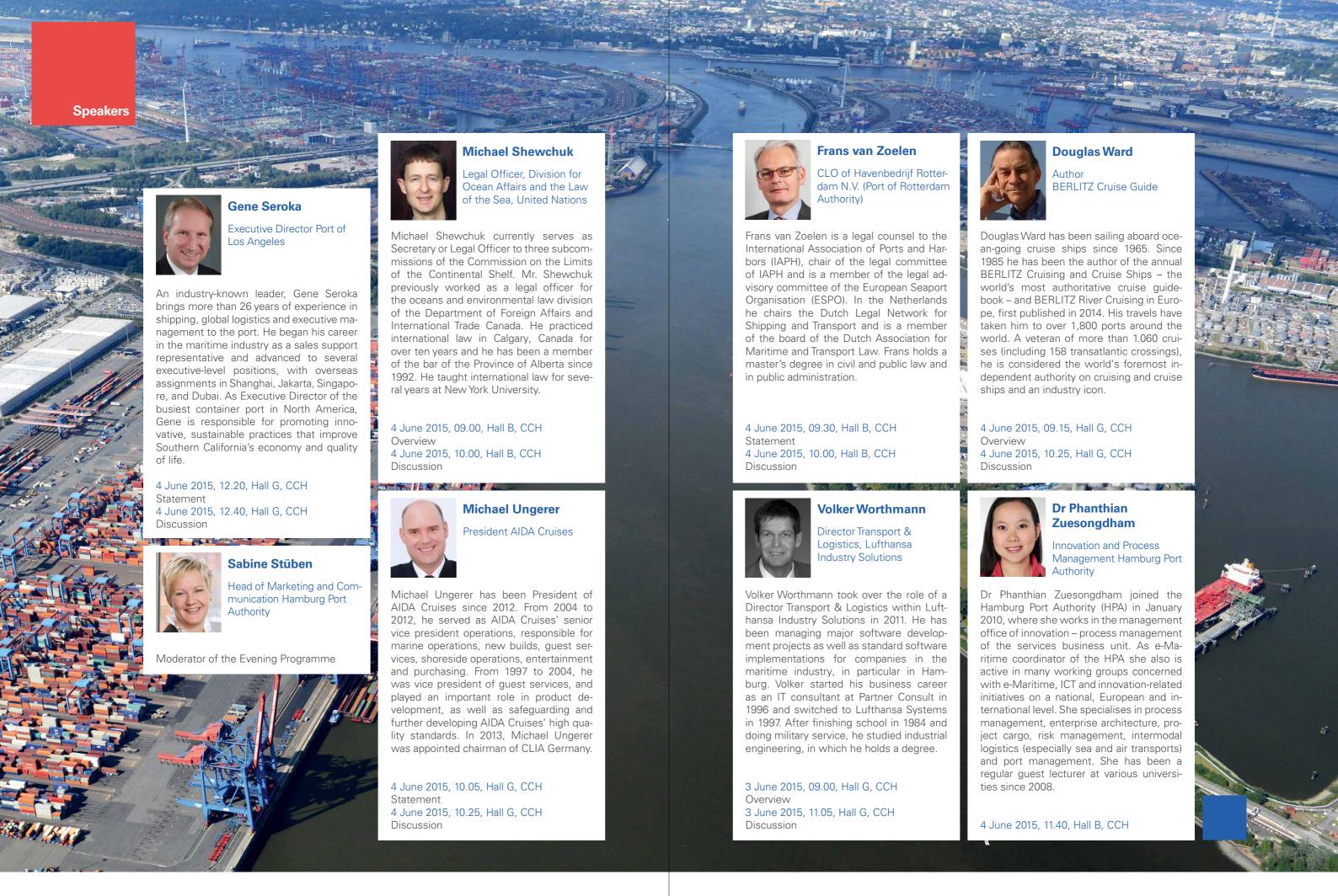
Legal Counsel and Head of **Environmental Affairs at Ports** of Stockholm

Gun Rudeberg joined Ports of Stockholm in 1995 and is a member of the management board. Gun has been a member of the European Sea Ports Organisation's Sustainable Development Committee since July 2000. From 2009 to 2014 she was the chair of the committee. She has been a member and served as chair of the Swedish Ports Environmental Committee since July 1995. Gun holds a master of law from the University of Lund, Sweden.

3 June 2015, 14.25, Hall G, CCH Statement 3 June 2015, 15.00, Hall G, CCH

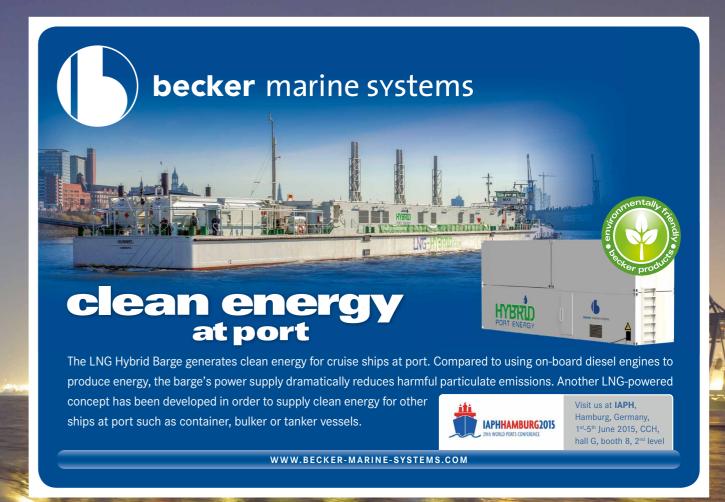
Welcome Reception





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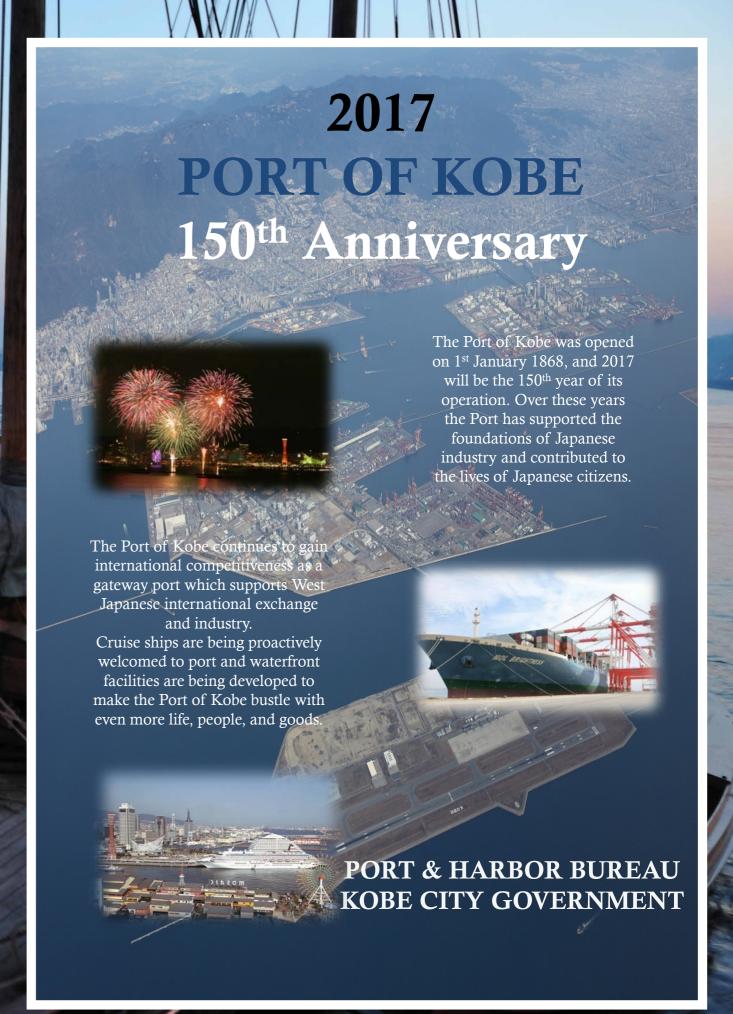
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