



Reception in the Hamburg City Hall for the 29<sup>th</sup> IAPH: Mayor Olaf Scholz speaks to port directors and logistics experts

## Scholz opens smart IAPH

Mayor receives 700 delegates at the World Ports Conference in Hamburg's City Hall

The 29<sup>th</sup> IAPH World Ports Conference (International Association of Ports and Harbours) flies the flag again in Hamburg. The major international event is held every two years. With head office in Tokyo, the IAPH represents 180 ports and 140 related business sectors in 90 countries.

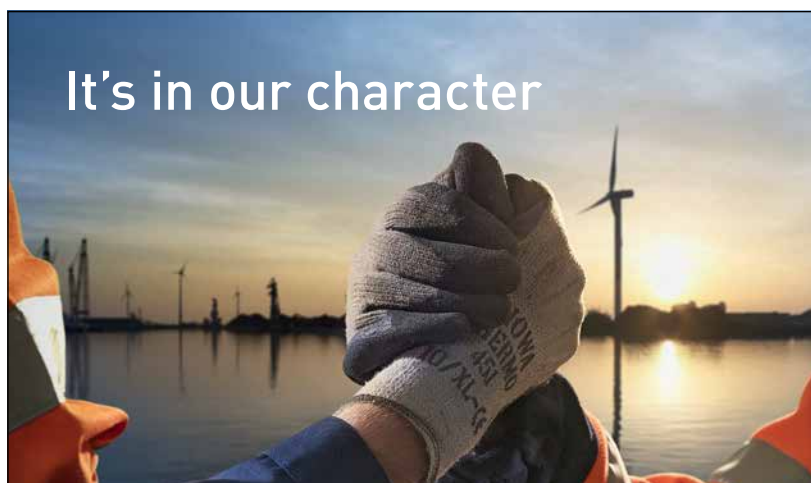
"Hamburg Port simply must keep up with

the tidal waves of change and remain one of the most important hubs of trade in Europe," remarked mayor Olaf Scholz (SPD) at the reception on Monday, adding, "We're Germany's biggest port, one of the leaders in Europe and determined to stay at the top." He is convinced that plans to deepen the navigation channels in the River Elbe will successfully go ahead.

It is the second time that the metropolis on the Elbe has been honoured by the IAPH to host the World Conference after 1985. Approximately 700 delegates accepted the mayor's invitation to the reception in the city hall.

The Hanseatic city with its population of 1.8 million is one of the biggest industrial centres in Europe. Aside from the →

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*from page 1* → strong influence of the maritime industry, the city has a very large aviation sector. “We want to offer scope for technical innovation, constantly asking ourselves how we can do things better,” proclaimed Scholz. “Tradition will not carry us further unless we accept the challenge of evolution and get real, meaning smart. And just as we had to cope with the disruption caused by the advent of container shipping long ago, so

we are now using digital techniques which are playing an increasing role in Smart Port logistics”.

“We want to show our guests innovative and tangible projects,” commented Jens Meier, Chairman of the Hamburg Port Authority (HPA) and host of the summit for the maritime economy. “That makes more of an impression than presenting charts and glossy brochures.” Moreover, Hamburg is ready and equipped to cope with large size container ships with over 19 000 TEU.

The IAPH Conference began prior to the Senate reception with internal committee meetings. At the same time top female representatives from major international seaports got together for a working lunch (see Impressions on page 6/7). The 29th World Ports Conference officially opens today in the CCH. Present at the festive ceremony were Grant Gilfillan, IAPH President & Chief Executive Officer/Director, Port Authority of New South Wales, Australia, Hamburg’s Business Senator Frank Horch and Enak Ferlemann, Parliamentary State Secretary at the Federal Ministry for Transport.



IAPH President Grant Gilfillan and Jens Meier, Chairman of the HPA Management Board, left and right of Olaf Scholz

PHOTOS: HINRICH FRANCK

Focus topics at the conference cover the efficient and frugal usage of resources, land and energy, with legal questions also an issue, along with the development of world trade, cruise shipping and air pollution. Further contributions include the organisation of freight transport, management of goods flows, energy consumption and the optimisation of resources. An important tool in all this is played by information technology and its role in recording and coordinating-

movements of ships, trucks, trains, containers and other environmental influences. The representatives of ports throughout the world are gathering at a time when world trade seems to be at a point of decline. On the other hand, however, larger ships are increasing demands on logistics and transport efficiency. The answer to this challenge is a further digitization of services, reflected in this year’s motto: “City of Hamburg - Calling at the smartPORT”.



## The History of Seafaring

The Maritime Museum in the Hafencity

The historic Kaispeicher B, address Koreastraße 1, is home to the world’s largest private collection of maritime treasures. It is the location of the Maritime Dinner for IAPH guests to be held on 2<sup>nd</sup> June.

The exhibition in the Hafencity International Maritime Museum, opened in 2007, depicts 3000 years’ seafaring history on nine decks. Museum benefactor and founder Prof. Peter Tamm displays his collection on an area measuring more than 11 000 square metres. Over decades the former media manager collected 26 000 ships’ models, 50 000 construction plans, 5000 paintings and graphics, more than 2000 films, 1,5 million photographs, 120 000 books, nautical equipment, appliances and historical uniforms.

## IMPRINT

### IAPH Daily News

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PHOTO: WIKIPEDIA/MBDORTMUND



# Conference Information App

The Hamburg Port Authority (HPA) has developed an app offering extra benefits to conference participants.

According to the HPA, the IAPH Conference App 2015 makes a host of features available to guests, such as conference program synchronisation with electronic calendar and voting tool. Guests must register to be able to use all app features.

The official IAPH App 2015 can be downloaded from the App-Store (iOS), Google Play Store (Android) or the website [www.iaph2015.org](http://www.iaph2015.org) as web app. Search string: IAPH 2015.

## 1. Program

Overview of session schedules with details, speaker bios and presentations in an intuitive and easy-to-use agenda with legend.

Events can be added to fa-

vorites and phone/tablet calendar to make sure nothing is missed.

Dates and locations updated in real time. You are kept up-to-date on changes with push notifications sent to your device, even if you're not currently using the app.

## 2. Live polls and discussions

Answer questions asked by the speaker, ask the speaker a question or comment on one using your phone/tablet. At the event latest poll results are shown live on screens during sessions.

## 3. Private Messaging

This function helps set up meetings quickly. They can be arranged using secure in-app private messages.

People with relevant skills or who represent companies of interest are visible in the app.

To use the Chat function sign



**Download**

Plus option to save other attendees' contact details in your device address book.

## 4. Feedback

The Feedback feature gives the organizer a direct event evaluation. Please take a minute to rate and answer Feedback questions.

## 5. PDF Presentations

After the conference sessions, PDF presentations will be available in the app for easy access and personal comfort.

up using your LinkedIn account or fill in your profile manually. Email signup or staying without logging in are also possible (no chat function available).

# Preferred HPA-Candidate

Max Boodie moderates the 29th IAPH World Ports Conference

Attendees of the World Ports Conference in Hamburg can look forward to more than just an interesting conference programme of the highest calibre.

For the five conference days the host, the Hamburg Port Authority (HPA), has compiled a programme of events that is as comprehensive as it is entertaining: moderator Max Boodie will make sure that delegates will have an informative week at the Congress Center Hamburg (CCH). The Dutch national did an excellent job when he

moderated the "2013 International Association of Ports and Harbors (IAPH) Africa/Europe Regional Meeting" in Amsterdam. It will not all be work at the conference, though: the HPA will also provide its international guests the opportunity to experience their host city. The 29th IAPH World Ports Conference takes place in Hamburg from 1 – 5 June 2015.

Max Boodie is the HPA's preferred candidate for the role of conference moderator: Book author, entrepreneur, consultant, supply chain specialist – the charismatic



PHOTO: HPA

Dutch national with roots in Surinam is multi-talented and active in a wide range of fields.

Over the course of his 25-year career as a consultant, company founder and investor in various technology-driven companies he became particularly interested in methods to efficiently deploy and promote the development of people: "A genuine interest in people has always been a central part of my career. I want to know what moves and excites them and what their 'call to action' is," explains Boodie. This explains the continuous efforts of the 50-year-old to interlink people and help them to establish new, successful connections.

## THREE QUESTIONS TO



PHOTO: IAPH

## Monika Breuch-Moritz

President of the Federal Office for Maritime Shipping and Hydrography (BSH)

### What expectations do you have of IAPH?

It is a high-ranking meeting if you regard the speakers as well as the participants. Therefore I hope that I can learn what is relevant for the ports at the moment. Ocean vessels call at ports worldwide. Despite this the national legislations of port states set different frameworks for the crew of the vessels. Therefore it would be highly desirable if IAPH as a worldwide association could drive harmonization, for example, of (security) standards relating to LNG bunkering, shore-side power supply or waste management.

### What is your most important topic?

Environmental protection is one of today's dominant topics, both on and off shore. Ports are the interface where the national legislation on environmental and climate protection meet the international shipping regulations. In my presentation I am going to highlight the activities aimed at reducing air pollution caused by ocean vessels. These activities are very valuable for the ports if they are effectively implemented and controlled. This is especially true for the port of Hamburg

as its location close to the city centre calls for a harmonized cooperation of different users. In the Elbe river at the entrance of the port of Hamburg our examination of exhaust gas plumes of the vessels shows that nearly all vessels comply with the new regulations on sulphur content in fuel.

### Which objectives did you set yourself for the future?

I would like to further promote one topic that has been important for me for some time – and which is in the best interest of the maritime sector: protecting the environment in maritime transport. Ships as a means of transport are very eco-friendly and industry has already proven that mandatory regulations lead to progress and the development of innovative solutions. With the ongoing successful collaboration between the economic and environmental sector there is even more room for improvement. Ports do have all the necessary instruments to maximise marine protection. Infrastructure for alternative bunkering and on-shore supply is today's key topic when we talk about smartPort energy.

Talking about ports: The intensive collaboration between public authorities, ship owners and other port facilities and enterprises is essential. BSH has its focus on the marine industry since we understand ourselves as a partner to the maritime and shipping industry.

Talking about BSH: Currently we are undergoing the tendering process for a new survey ship. Main criteria will be energy efficiency and environmental performance. We need to step ahead and show that cost and environmental efficiency are two sides of the same coin.



## THE RED SOFA

## Red Sofa Discussions



It's talk time again on the Red Sofa, the cult furniture item kindly provided by the DVV Media Group (DVV) for interviews with key personalities at the 29th International Association of Ports and Harbours (IAPH) from 2 - 4. June. Amongst the illustrious guests, of course, will be none other than Jens Meier, acting "host" of this year's conference and Chairman of the Hamburg Port Authority/HPA. "City of Hamburg – Calling at the smartPORT" is this year's IAPH Conference motto, Hamburg holding this

major global get-together of big names and important players in the port and maritime industry now for the second time since 1985.

Bernd Appel, Managing Director of the Lufthansa subsidiary Lufthansa Industry Solutions will also take his place on the Red Sofa to submit his views on the increasing complexity of logistic processes in the maritime industry. His claim: "In future, growing demands for efficiency, economy, safety and ecology can only be met by smart ports," seems a most appropriate subject at IAPH 2015.

## The „Daily News“ as Download PDF

The DVV Media Group, media partner to the IAPH World Ports Conference, has prepared a landing page.

The area is accessible to all users and can be opened via short-cut [www.thb.info/iaph](http://www.thb.info/iaph) on mobile end devices. The IAPH app is also available from the Apple AppStore under IAPH 2015.

# “Smartport means more than reporting bottlenecks”

How HPA Chairman Jens Meier sees the port future

Anyone entering the Hamburg Port Authority's central administration building in Hamburg's old warehouse district will find on the left a giant-sized tablet computer. Shown on its display is nothing less than the future of the port. A click and a young man named Daniel gives a run-down on growth prospects for the port until the year 2025.

A further click and 'Günter' explains in a video about plans to position Europe's third biggest sea freight hub as a quality port. The problem, however, is that the port's infrastructure is already bursting at the seams. More efficiency is called for and best achieved through higher IT networking and improved usage of available data. The requirement to become „Smart“ has led to the „Smart Port“ initiative now under way in the Port of Hamburg. Already, sensors count vehicles on port roads and large displays show where bottlenecks arise. An app even helps truck drivers find the nearest parking area. Other measures include a traffic management system to coordinate road and rail movements.

Similar concepts are being implemented in other North Range ports. At the World Port Conference the HPA intends to announce next steps on the way to become an „intelligent port“. Asked specifically what these are, Jens Meier would give nothing away other than: „Smartport means more than reporting bottlenecks.“

In Meier's world, the keyword is „The Internet of Everything. We must link traffic informa-

tion for all means of transport to cargo handling information“. Then the next step is, „to break port limitations,“ which the port manager explains by means of an example: „For a chemical company on the Rhine, whose export business requires detailing hazardous materials, the worst thing is to discover that a declaration is faulty or incomplete shortly before arrival in port.“ Direct action with the relevant offices then makes sense, „to ensure that customs clearance and terminal bookings are already seen to when the goods arrive“. Today solutions are available or being developed by way of an import and export message platform. „The decisive point,“ continues Meier, „is not to begin by asking the question about who should have access to data, but to agree on a model that guarantees efficient data processing.“ Meier is well aware of objections on grounds on data security, but sees security primarily in having reliable systems, that is, „first they must be available, second there must be controlled access to data. Because it has less to do with sensitive data and more with data to help optimise traffic flows, such as departure times - so obviously not really of a sensitive nature.“ Questioning arguments based on data security, he assumes it has more to do with the fear of competitors learning something they should not.

To clarify, Meier cites another example from the aviation industry: Airline representatives convened at Zurich airport to come up with a solution to minimise airport delays, even-

tually deducing that if a flight was behind schedule it would make sense to transfer the slot to another plane, even if from a different airline. Although an airline would stand out if it had many delays in one week, Meier explains that this is less relevant than focusing on the collective effort. If these obstacles could be overcome and „fertile ground created for innovative ideas“, then completely new business models may emerge. Meier gives a further example to explain what he means, this time from the cruise sector: When on the day of departure thousands of cruise ship passengers arrive at Hamburg railway station, their luggage needs transporting to the terminal. But where can the trucks

carrying the luggage park when all spaces are occupied by buses full of passengers? Meier's solution: „If passengers submitted their smartphone data, service providers could ensure that passengers get to the ship with their luggage comfortably and conveniently. For example, they could have their luggage picked up from home 2 days earlier or be sent a restaurant recommendation.“

## Analyse current procedures

Meier sees such value added services and efficiency gains possible also in freight transport. „We are already on the way, but need to thoroughly examine existing business models“. And that is also what the Smartport concept is all about.



PHOTO: PATRICK LUX





# Impressions Women's Forum Working Lunch



Still underrepresented in the maritime industry, the IAPH Women's Forum, held since 2012, aims at enhancing and empowering women. In the Marriott Hotel 25 women from the maritime world gathered yesterday for a Working Lunch. After a short opening speech by Chairperson Naomi Kogon-Steinberg (USA) IAPH President Grant Gilfillan (Australia) welcomed the participants: „The way women are treated is still different. There is always a price to pay, but the price women pay is higher than the one men pay.“ Following his speech the forum's four initiatives were presented. Dr. Geraldine Knatz (USA) introduced the two planned scholarship programs: the biennial training scholarship for maritime related academic studies and trainings, and the annual meeting scholarship, which enables women to take part in IAPH conferences.

Justine Camoin (France) reported on the work on website development and the forum's social media activities.

Melissa Kappely (New Zealand) and Rachel Vandenberg (Canada) presented the mentoring program, aiming to support the advancement and empowerment of women within IAPH.

The fourth initiative of an exchange program between ports was presented by Siti Noraishah Azizan from Malaysia. The objective is to provide opportunities for women to broaden their horizon and improve intercultural skills.





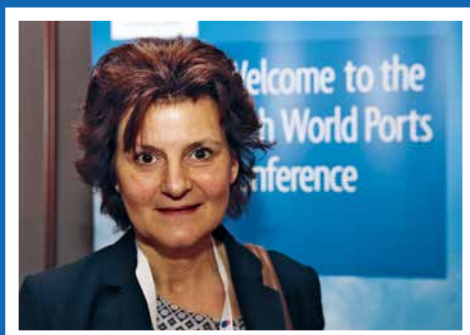
IAPH President Grant Gilfillan (Australia) welcomed guests at the Women's Forum Working Lunch.



"The Women's Forum offers an excellent possibility to exchange with women in a male-dominated business environment."



from left: Gisha Rizky Prathita: "Women have a different perspective" and Ima Andari Utami (both from Indonesia): "It's good to share information in an industry that is mostly dominated by men"



Heike Naumann (Germany): "The port economy is still dominated by men. Women should become more visible, articulate themselves more strongly and voice their opinions."





PHOTO: AIDA CRUISES

# Luxury liners: How Hamburg profits

More than 270 million Euro added value – Cruise business continues to grow

– Environment increasingly important

Not only is the „Queen Mary 2“ a majestic sight when sailing into the Port of Hamburg. For the public on the banks of the River Elbe, each of the almost 200 annual giant cruise ship arrivals is an impressive spectacle. Also impressive is the amount of money the business generates for the city of Hamburg.

According to a survey by the Hamburg Chamber of Commerce, every year the cruise business creates additional revenue of over 270 million Euro for the Hanseatic state city, a sum far greater than that accruing from tourist expenditure.

Hamburg is banking on the trend to holidays on board ship being here to stay. 189 arrivals registered by the Cruise Centre in 2014 are twice that of five years ago. In the same period passenger numbers have more than quadrupled: 588 690 cruise ship passengers visited Hamburg last year compared with 127 000 in 2009. Whilst fewer cruiser tourists (525 000) and ships (161) are expected in 2015, this is due to various factors, such as adaptation to new emission guidelines or a shift of capacities to Asia.

In the long run the growth trend is expected to continue, a significant contribution

to be made by the „AIDAprima“ alone, which from spring 2016 will be bringing around 4000 passengers to her home port. Further grounds for optimism are provided by the port of Hamburg again receiving the „Best Turn-around Port Operations“ award from the magazine „Cruise Insight“ earlier this year and healthy order books in the construction yards. The prognosis for Hamburg and the 1500 jobs dependent on the industry indeed looks positive.

To give an insight into the complex system of income added by the cruise industry in Hamburg, we can take the example of the „Queen Mary 2“ entering the port area. With a little luck, from the banks of the Elbe the pilot boat might be seen pulling up alongside the giant as it makes its way down the river and the two pilots required for a vessel this size climbing aboard to navigate the liner safely to its berth. In the meantime the Cruiser Terminal is well prepared for the arrival of the 2600 passengers, alongside approximately 100 workers from up to 30 companies to make sure all operations run smoothly: from linesmen, river police and forklift truck drivers on the quay to customs officials, shuttle service personnel and cleaning teams. All these are components in the process chain for

cruiser shipping in the Port of Hamburg, which counts around 400 companies and 1500 employees in total. Investment of 64 million Euro in a third cruiser terminal in Steinwerder, where the first passengers will be checking in and out of their ships this summer, is testimony to the city's confidence in the future.

Local politicians and investors plainly expect the cruise sector to be a continued money-spinner for the city. 25 million Euro we see generated above as added value just for the arrival procedure. On top of this come further wages in the port, processing fees, as well as fuel and waste disposal charges.

Effects of the cruise ship boom are also evident beyond the ships' berths. Around 21 million Euro is spent by passengers and crew during their stay in Hamburg restaurants, shops, and also in hotels, if they stay in the city overnight before or after their cruise.

Aside from passengers and crew, cruise ships arriving in Hamburg also attract day tourists, especially for ships' naming ceremonies and events like Cruise Days or the port anniversary celebrations in May. Industry events such as the biennial Seatrade fair, with its 4000 visitors, the biggest of its



kind, also bring business tourists to the „Hansestadt“. The Chamber of Commerce calculates a value added sum of 32 million Euro arising from people only.

On top of the 400 companies in Hamburg involved in the cruise business come shipyards, ships' suppliers and construction firms working on terminals and infrastructure, in addition to service companies, such as wholesalers, software producers, shipping lines, certifiers and consultants, which are responsible for the lion's share of added value, namely 192 million Euro. Today this figure could even be bigger since the Chamber of Commerce based its calculation in the 2013 survey on only 200 companies.

The Port of Hamburg is constantly working on expanding and improving services for ships. Here, ecology plays a big role. For example, ships in future will be required to switch off their auxiliary diesel engines when at berth. Consequently, as of this season the company Becker Marine Systems will for the first time be providing energy to cruise liners berthed in the port from its „Hummel“ LNG hybrid barge. Unlike conventional diesel engines, the floating liquid natural gas power generator, developed in cooperation with the AIDA cruise line, emits no sulphur dioxide or fine dust particles, whilst reducing nitrogen oxides by 80 per cent and carbon dioxide by 30 per cent. The Port of Hamburg is the first in Europe to



## Hummel supplies onshore power

**World premiere in Hamburg:** Following trials lasting several months, since 30th May a floating LNG power station now supplies cruise ships in the AIDA fleet with electricity when at berth in the port. The barge named „Hummel“ - a vessel without engines of its own - supplies the first environment-friendly energy from liquefied natural gas (LNG) to the liner „AIDAsol“ at the Cruiser Terminal. „It is an important step to an even greener port“, says Hamburg Environment Senator Jens Kerstan (Green Party).

Some cruise ships consume as much power as a small town when at berth. LNG power generators represent a possibility, after onshore power, to significantly reduce vessel emissions when at rest in the port. LNG electricity generators emit no sulphur oxides or fine dust particles, nitrogen oxide emissions are reduced by 80 per cent and those of carbon dioxide by 30 per cent.

The barge was launched in September 2014 in Slovakia. With its five gas motors it can provide 7.5 megawatts - as much as two wind power generators on land. The LNG is imported from the Netherlands.

PHOTO: BECKER MARINE

offer environment-friendly electricity to cruise liners in this form and in the second half of the year ships at the Altona cruiser terminal will be supplied energy by the first stationary shore-based power generator. This clearly illustrates how value added production by companies and that relating to the arrival of ships are intertwined.

If the cruise business continues to develop so positively, the city can look forward to large value added rewards in future. Moreover, when admiring views of the huge ships as they enter the port, the population of Hamburg can rest assured that their contribution to the city goes far beyond offering an attractive spectacle.

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[info@uhh-haldensleben.de](mailto:info@uhh-haldensleben.de)

# IT partner for port management and logistics

Lufthansa Industry Solutions at the IAPH 2015



Bernd Appel, Managing Director Lufthansa Industry Solutions

Intelligently controlled with digital technologies: The maritime sector PHOTOS: LUFTHANSA

Lufthansa Industry Solutions wholly-owned subsidiary of German airline Lufthansa AG, will be at the World Port Conference IAPH 2015 showing how the increasingly complex processes in the maritime sector can be intelligently controlled with the help of new digital technologies.

One of the projects from its innovation laboratory the IT service provider will be presenting at its stand will be a recently developed pilot system to make pier planning more efficient. It improves predictions of delays and supports decision-making for pier planning. "We see ourselves as an IT partner for port management and logistics, and can look back on a large number of successful projects in this sector," explains Bernd Appel, Managing Director of Lufthansa Industry Solutions (see him tomorrow on the Red Sofa, 02:00 pm, CCH, 2nd floor, stand no. 22).

## Familiar with port management processes

From consulting to completion, Lufthansa Industry Solutions offers all IT services for port authorities, port operators and logistics companies from a one-stop ser-

vice provider. Apart from developing and operating the IT systems of the Lufthansa freight business (Lufthansa Cargo), the customers of this Lufthansa subsidiary also include the international carrier Panalpina, the Hamburg Süd shipyard and the Hamburg Port Authority (HPA).

Moreover, the company will be enhancing the conference program with a lecture on digitizing port logistics entitled "IT is ready for smart solutions" presented by Volker Worthmann, Director of Transport and Logistics (9:00–9:20 am on June 3rd). There is hardly any other place where the various actors in logistics meet at such close quarters as in a major port. Maritime shipping, rail and road must be linked in a logistics hub that is as efficient as possible if the port is to withstand competition from other locations. "It is obvious that such a complex operation cannot begin to be accomplished without high-performance IT systems. In the future, only smart ports will be able to meet the growing demands for efficiency, economy, safety and environmental compatibility," says Bernd Appel. This is also underscored by the motto of the IAPH 2015: "City of

Hamburg – Calling at the smartPORT". Lufthansa Industry Solutions, based in Norderstedt near Hamburg and with branch offices in Germany, Switzerland and the USA, develops and implements customized IT solutions to its customers' needs. The roughly 1,000 employees offer strategy and consulting, as well as design, conception and application management. Thus Lufthansa Industry Solutions covers the entire spectrum of IT services.

## From a business unit to an independent enterprise


Since 1st April 2015, the former Industry Solutions business unit of Lufthansa Systems AG has been doing business as an independent company. Under the name of Lufthansa Industry Solutions, this full-service provider of IT services has been aligning itself even more scrupulously to the needs of the market. "The digitization of business is opening up great potential for new value-added models and more growth to our customers in many industries. We help companies exploit this potential by optimizing production and work processes," explains Managing Director Bernd Appel. As a business unit of Lufthansa Systems AG, Industry Solutions has already been deeply integrated into the IT processes of non-flying group companies. At present, the customer base of Lufthansa Industry Solutions comprises a total of around 150 companies in various industries, ranging from SMEs to corporations listed on the DAX. These include, for instance, companies from the automotive, energy, manufacturing, healthcare, transport and logistics sectors, as well as media and publishing companies.





# Programme Highlights Tuesday 2<sup>ND</sup>

## Bigger Vessels – Bigger Challenges

- |                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>09.30 - 11.15</b>    <b>Opening Ceremony</b><br/>Welcome to the 29th IAPH World Ports Conference<br/><i>Hall G, CCH</i></p>                                                                                                          | <p><b>15.40 - 15.50</b>    <b>Mega-Ships: Still for the Common Good?</b><br/>Olaf Merk, ITF<br/><i>Hall G, CCH</i></p>                                                                                                                                                                                                                                                                                                            |
| <p><b>11.15 - 11.45</b>    <b>Keynote</b><br/>The Digital Transformation of Business and Society and its Impact on the Shipping, Ports and Maritime Industries by 2030<br/>Gerd Leonhard, CEO The Futures Agency<br/><i>Foyer, CCH</i></p> | <p><b>16.20 - 17.05</b>    <b>Future Prospects: What will be the Impacts of Ship Size Development?</b><br/>Discussion with Dr. Christian Growitsch, Jost Bergmann, Olaf Merk, Capt. Salvatore Cafiero, Jörg Pollmann, Benjamin Lai, Max Boodie<br/><i>Hall G, CCH</i></p>                                                                                                                                                         |
| <p><b>13.30 - 14.00</b>    <b>The Importance of smartPORTs in Global Competition – Challenges and Solutions</b><br/>Marco Lippuner, Siemens AG,<br/><i>Hall G, CCH</i></p>                                                                 | <p><b>18.30</b>    <b>Maritime Dinner</b><br/><i>International Maritime Museum</i></p>                                                                                                                                                                                                                                                                                                                                            |
| <p><b>14.00 - 14.30</b>    <b>What are the Threats and Opportunities for International Shipping in the Future?</b><br/>Peter Hinchliffe OBE, Secretary General ICS<br/><i>Hall G, CCH</i></p>                                              | <div style="text-align: center;">  <h3>TODAY'S SOFA TALK</h3> <p><b>Dirk Lehmann, Managing Director, Becker Marine Systems</b><br/><b>Frank Schnabel, Managing Director, Brunsbüttel Ports</b><br/><b>Jost Bergmann, Business Director Container Ships, DNV GL</b><br/><b>Knut Fleckenstein, Member of the European Parliament</b></p> </div> |
| <p><b>15.20 - 15.40</b>    <b>The Evolution of Containership Sizes and its Impact on the Industry</b><br/>Jost Bergmann, DNV GL<br/><i>Hall G, CCH</i></p>                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                   |

1 - 5  
June  
2015



## 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**

