

ASK YOUR
QUESTIONS



Container Terminal Automation Conference

Conference Agenda*

18 - 20th April, 2017
Grange City Hotel, London, UK

KEYNOTE SPEAKERS

hyperloop | one **INTRTRA** **SIEMENS**
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*Updated Weekly

CONFERENCE AGENDA 18 - 20TH APRIL, 2017

APRIL 18, 2017

19:00 – 22:30 EXCLUSIVE NETWORKING EVENING AT REVOLUTION

An evening for all speakers, C-level executives, assorted industry experts and delegates to get to know each other and discuss their aims for the following day in a relaxed and informal setting.

DAY 1 APRIL 19, 2017

7:30 – 8:00 REGISTRATION

8:00 – 8:10 WELCOME MESSAGE

8:15 – 9:25 THE INDUSTRY TODAY: A MACRO PERSPECTIVE

This session provides a helicopter view of the current state of automation projects in ports and terminals. Drewry will provide a unique focus on the fragmentation of terminals especially within larger ports and the possibility of future terminal alliances. This session will also highlight the opportunities for transshipment hubs, as they partake in the race to be the biggest winners and losers in the near future. The session is concluded with a presentation from Kalmar.



SPEAKERS

Neil Davidson

Drewry Maritime Research



Ron Robinson

Kalmar



Lars Jensen

SeaIntelligence Consulting



MODERATOR

Richard Joy

Port Technology International



Olaf Merk

OECD

9:30 – 10:45 PROCESSES & PERFORMANCE

This session will look into how business processes and digitalisation are not just changing all of our businesses but how ports and terminals can see increased productivity and efficiencies in the shortest space of time.

Each speaker will begin with an insight into process automation followed by an introduction from each respective speaker regarding their take on process automation and what solutions they can offer ports and terminals.

Following the presentations all delegates are free to ask questions to the panel of experts on what will work for their unique port or terminal.

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SPEAKERS

Michael Bouari
1-Stop Connections



Douglas Watson
Ericsson



Dr. Eva Savelsberg
INFORM



Dr. Stefan Wiech
HPC Hamburg Port Consulting



Francisco Grau Cavanillas
Orbita Ingenieria



MODERATOR

Oscar Rivella
Eaton

NETWORKING BREAK

11:05 – 12:15

FULLY AUTOMATED TERMINALS & HANDLING EQUIPMENT

This session looks at the giants of the container yard and how we can fully automate terminal operations. Full automation implies full-scale 'Robitization'; i.e. the equipment of the yard as automatically controlled robots.

One of the most popular sessions from last year brings you real insights from the experts in fully automated container handling equipment. Here we will see benefits and the latest innovations in heavy machinery, including STS, ASC, RTG and RMG technology.



SPEAKERS

Ralf Konnerth
Konecranes



Dr. Yvo Saanen
TBA



Uno Bryfors
ABB Ports



Jarno Kuipers
Kalmar



Michael Geiger
Hans Kuenz



MODERATOR

Julian Johanson Brown
Johanson Brown

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LUNCH

13:10 – 14:30 SUPPLY-CHAIN COLLABORATION & AUTOMATION

This session acts as a peak in the rumbling discussions within the industry over the last few years regarding supply chain collaboration. Collaboration has oft been heralded as the solution, but how can the industry actually unite to make it happen?

A key theme of this session is that ports, terminals, shippers and liners must begin to act in establishing smart technologies and processes driven by data (Digitalization) to combat the collective issues we face as an industry.

In this session speakers will discuss ways in which figures across the supply chain can take the first step in uniting disparate strands of the supply chain and standardising practices.



KEYNOTE SPEAKER

Inna Kuznetsova
INTTRA



Neel Ratti
Tuscor Lloyd



SPEAKERS

Richard Hepworth
Trelleborg Marine Systems



Dr. Stefan Wiech
HPC Hamburg Port Consulting



Douglas Watson
Ericsson



MODERATOR

Wolfgang Lehmacher
World Economic Forum

NETWORKING BREAK

15:00 – 16:15 THE IMPORTANCE OF TRAINING

In the 21st century technology is changing, which means new skills are needed to work with that technology, otherwise terminals and their workers risk becoming obsolete.

It is the perfect time to train, as with new generations entering the workforce, the ROI potential is massive.



SPEAKERS

Dr. Yvo Saanen
TBA



MODERATOR

TBC



Prof. Dr. Eng. Evangelos Markopoulos
Sparthink Technologies

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16:15

TERMINAL SIMULATION SAFETY & EFFICIENCY QUIZ

Dr. Yvo Saanen (TBA) and the TBA team have created a 3D simulation of a terminal, a manual RTG terminal and a fully automated terminal. Each terminal will have lots of obvious (and some not so obvious) areas of operation which can be improved to increase productivity and reduce areas of inefficiencies for delegates to solve. In order to take part, delegates need to download an app in which they can access the quiz with its multiple choice questions. A winner will be announced the following day of the conference. This session really applies benchmark practises and some really innovative ways to optimise terminal operations.



Dr. Yvo Saanen
TBA

19:00 – 23:00

CONFERENCE DINNER & NETWORKING EVENING – VENUE TBC

DAY 2 APRIL 20, 2017

8:00

INTRODUCTION

8:10 – 9:25

POWER OF AUTOMATION & BIG DATA

One of the most important tools in today's world is Big Data. However, getting ports and terminals to share the data with suppliers can be a task. This is a really powerful session for all those who are yet to realise the full potential of why Big Data is not only a game changer, but as many experts have made very clear, why "Big Data is the new Oil". Eduardo Bustamante has been working with IBM Watson to utilise Big Data in order to protect and maximise the end of the life cycle of port machinery in the Port of Cartagena. This is more than just asset management, and we will ask our experts to provide real performance evidence on the optimisation of operations and equipment.



SPEAKERS
Thomas Gylling
Konecranes



Guenter Schmidmeir
Navis



Eduardo Bustamante
Port of Cartagena



MODERATOR
Oscar Rivella
Eaton

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9:25 – 10:45

EXPECTATIONS OF AUTOMATION

Are we overpromising what we are actually able to deliver right now?



SPEAKERS

Wolfgang Lehmacher
World Economic Forum



Francisco Grau Cavanillas
Orbita Ingenieria



Lars Jensen
Sea Intelligence



MODERATOR

Richard Joy
Port Technology International

NETWORKING BREAK

11:15 – 12:30

AUTOMATED DECISION MAKING

The terminal operators who will be able to share data with carriers will clearly be the future winners. But where is that data coming from; the TOS, TMS, or PCS? How well are we able to make decisions about planning for vessels, stacking and dispatching? Will these systems allow us to have complete control of terminal operations? Could we control more than one or several terminals remotely? These are some of the key questions that will be addressed. Other key areas for discussion include stowage planning and container positioning in the yard. Time will be allocated for questions from the audience.



SPEAKERS

Dr. Eva Savelsberg
INFORM



Gerhard Fischer
Siemens



Uno Bryfors
ABB Ports



MODERATOR

Julian Johanson Brown
Johanson Brown



Eduardo Bustamante
Port of Cartagena

LUNCH

13:30 – 14:15

TERMINAL SIMULATION SAFETY & EFFICIENCY RESULTS AND WINNER

Dr. Yvo Saanen will announce the winner of the prior day's quiz and also go through the entire 3D terminal simulation and highlight all the areas where we can improve the safety and efficiency of operations. This will be a clear demonstration on how we can fully optimise

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the terminal to maximum efficiency. TBA has worked on over 800 port and terminal training projects around the world and is considered to be amongst the best in industry benchmark practices in order to achieve excellence in levels of productivity within terminal operations. This will be a very interactive session with lots of questions from the audience.



Dr. Yvo Saanen
TBA

BREAK

14:15 – 16:15

BEYOND MOVES PER HOUR & THE FUTURE OF CONTAINERIZATION

This is the most awaited session of 2017. The session will discuss in detail the future of the container shipping market. It will summarise how today's current level of automation investment is just the beginning.

The session looks beyond productivity and performance and opens a new era of discussions which includes why Amazon is buying ships and why Maersk, Zim and CMA CGM are partnering with Alibaba.

Hyperloop One is about to show us how to move people and cargo in capsules at several hundred miles per hour. DP World has already invested \$50m to be on the advisory board of Hyperloop One, therefore do we need to prepare for more new entrants and "disruptive innovators"? How much will 3D printing impact on the container shipping sector? And are we about to see a new wave of players who will change the way we move traditional cargo?



KEYNOTE SPEAKER
Nick Earle
Hyperloop One



Guenter Schmidmeir
Navis



SPEAKERS
Richard Hepworth
Trelleborg Marine Systems



MODERATOR
James AA Khan
Port Technology
International

16:30 – 16:50

CLOSING KEYNOTE SPEECH



Gerhard Fischer
Siemens
