



**PIANC**  
The World Association for  
Waterborne Navigation Infrastructure

# NordPIANC 2019

Hirtshals 11- 13 September

Technical Programme			Thursday 12. September 2019		
08:30	-	08:40	PIANC DK	Jens Kirkegaard	Welcome to Seminar
			Port of Hirtshals	Jens Kirketerp Jensen	Welcome to Hirtshals
08:40	-	09:00	PIANC HQ	Geert van Cappellen	PIANC update
<b>Chair:</b>			<b>Thomas Gierlevsen, COWI</b>		
09:00	-	09:20	Grieg Connect AS	Dan Steinnes	Using Machine Learning to predict vessel ETA, and potentially running aground
09:20	-	09:40	Port of Gothenburg	Jan Andersson	Deepening of the fairway to the Port of Gothenburg
<b>Break</b>					
10:10	-	10:30	SSPA Sweden AB	Olov Lundbäck	Ship manoeuvring simulation in wave exposed ports and entrance channels by computationally efficient wave modelling and web-based simulator
10:30	-	10:50	Ports of Stockholm	Jonas Andersson	Stockholm Norvik, fairway and vessel planning
<b>Break</b>					
<b>Chair:</b>			<b>Jørgen Nørgaard, Rambøll</b>		
11:10	-	11:30	Multiconsult Norge AS	Martin Thuve Hovden	Screening of sites for large scale coastal infrastructure development
11:30	-	11:50	ShibataFenderTea m AG	Markus Bleher	Development of the port sector with a focus on the Nordic Countries from the perspective of a fender manufacturer
11:50	-	12:10	SeaHow (Meritaito Ltd)	Seppo Virtanen	Sniffer Buoy – a solution for Remote Monitoring of sulphur emission

<b>Lunch</b>					
<b>Chair:</b>	<b>Ulrik Max Jørgensen, A1 Consult</b>				
13:40	-	14:00	Ports of Stockholm	Mats Ekman	The lighthouse Libertus and Gustaf Dalén 150 år
14:00	-	14:20	Top Marine OÜ	Silver Pütsep	Floating Marina design principles. Real life vs. paper version – case study
14:20	-	14:40	Norconsult AS	Arne Erling Lothe	The new Norwegian breakwater handbook
14:40	-	15:00	NIRAS A/S	Frederik Knudsen	Handling of weather stand-by during port construction
<b>Break</b>					
<b>Chair:</b>	<b>Peter Sloth, DHI</b>				
15:30	-	15:50	Norconsult AS	Maiken Lyden Eng	Yara Birkeland and fully integrated BIM
15:50	-	16:10	COWI A/S	Casper Holmgaard Jensen	Development of purpose-built offshore decommissioning facility at the Port of Frederikshavn, Denmark.
16:10	-	16:30	Ports of Stockholm	Mattias Sandell	Jet Stream Velocity from Azipod on Stadsgården
16:30	-	16:50	A1 Consult A/S	Bjørn Dannemare	Port of Hirtshals, New Ferry Berth 4

# Hanstholm tour



Friday, 13. September 2019 in Hanstholm					
08:30			Departure from Hirtshals		
09:30			Passing Rubjerg Knude Lighthouse		
10:15	-	10:35	Stop at Thorup Strand (beach landing)		
		11:30	Arrival in Hanstholm		
<b>Chair:</b>			<b>Søren Viborg Kristensen, Aarsleff</b>		
11:30	-	11:45	Aarsleff	Mogens Steen Pedersen	Hanstholm Port construction
12:00	-	12:30	<b>Lunch</b>		
12:30	-	12:50	Rambøll Danmark	Jørgen Q. H. Nørgaard	Expansion of the Port of Hanstholm; Design of Port Layout and Development of Spur Breakwater
12:50	-	13:10	COWI A/S	Thomas Gierlevsen	Hanstholm Breakwater
13:20			Visit at construction site		
15:30			Departure for Aalborg Airport and Hirtshals		