



Tuesday 5 <sup>th</sup> November		
9:00 – 9:30	Coffee and Registration	
9:30 – 10:05	<b>Practical Guide for Adopting Industry 4.0 in CAD Systems</b> <i>R. Pérez, SENER, Spain</i>	SESSION 1
10:05 – 10:40	<b>Living on the Edge - a New Paradigm for Remote Monitoring of Vessels and Marine Equipment</b> <i>K. Rau, Flicq Inc, USA</i>	
10:40 – 11:10	Coffee	
11:10 – 11:45	<b>One Sea - on the road towards an autonomous maritime transport system</b> <i>P. Haikkola</i>	
11:45 – 12:20	<b>Combining unmanned aerial vehicles (UAV) and 3D mapping of port infrastructures – an approach for security and risk management in high competitive transport environments</b> <i>M. Stein, Stein Maritime Consulting, Germany</i>	
12:20 – 13:20	Lunch	
13:20 – 13:55	<b>The Challenges and Opportunities for Developing Digital Twins to support Marine Operations</b> <i>S. Willmore and J. Rigby, BMT, UK</i>	SESSION 2
13:55 – 14:30	<b>Classifying bow entry events of wave piercing catamarans in random waves using unsupervised learning</b> <i>B. Shabani, University of Tasmania, Australia</i>	
14:30 – 15:00	Coffee	
15:00 – 15:35	<b>Future Workforce and Training in the Fourth Maritime Revolution</b> <i>R. Westgarth and S. Harmer, BMT, UK</i>	
15:35 -16:30	General Discussion	

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