



Three-day International Conference

**THE PORT AND MARITIME SECTOR :
KEY DEVELOPMENTS AND CHALLENGES**

WCTRS - Special Interest Group A2

5-7 May 2021

All indicated times are Central European Time



Wednesday 5 May			
9.30am – 10.40am	Opening networking – wonder.me		
10.40am – 11.10am	Opening session		
	<i>Thierry Vanelslander, Scientific conference co-ordinator</i>		
	<i>Koen Vandenbempt, Dean FBE University of Antwerp</i>		
	<i>Patrick Verhoeven - IAPH</i>		
11.10am – 11.20am	Refreshment break – wonder.me		
11.20am – 12.15am	Ports session: CHAIN	Maritime session: LABOUR	Chain / Hinterland session: DIGITAL
	Chair: Alessio Tei	Chair: Hilda Ghiara	Chair: Monica Grosso
	Steward: Loghman Boukani	Steward: Majid Mohaseni	Steward: Jeffrey Willems
	The embeddedness of ports in international trade and global supply-chains	Labour in the maritime industry: A Conceptual Analysis of Research-Based Literature	Data entry in logistics: are AI-based solutions seen yet as a cost-effective alternative?
	<i>Jasper Verschuur University of Oxford</i> <i>Elco Koks Vrij Universiteit Amsterdam</i> <i>Jim Hall University of Oxford</i>	<i>Didem Ozer-Caylan Dokuz Eylul University</i> <i>Jane Parker Massey University, Massey Business School</i>	<i>Valentin Carlan University of Antwerp</i> <i>Thierry Vanelslander University of Antwerp</i>
	The quality of arrival predictions of ships	Closing the Gap Between Present and Future Through Education: MINE-EMI Project	Legal aspects of maritime remote piloting
	<i>Albert Veenstra Rotterdam School of Management</i> <i>Harmelink Rogier University of Twente</i>	<i>Pinar Özdemir Piri Reis University</i> <i>Alaettin Sevim Piri Reis University</i> <i>Taner Albayrak Piri Reis University</i>	<i>Goran Vojkovic University of Zagreb</i> <i>Melita Milenkovic University of Zagreb</i> <i>Lea Vojkovic University of Split</i>
	Security Risk Assessment in Container Terminals. Empirical Evidence from Greece	Full mission simulation to investigate the effects of autonomous shipping on the future role of the Licensed Deck Officer taking into effect potential changes to COLREGs and STCW	Functionalities, responsibilities and liabilities: towards a tool for qualification of logistic platforms in container transportation.
<i>Constantinos Chlomodis University of Piraeus</i> <i>Petros Pallis University of Piraeus</i>	<i>Elsbeth Hannaford University of Antwerp</i> <i>Pieter Maes University of Antwerp</i>	<i>Verheyen Wouter UAntwerpen</i> <i>Kolacz Marta UAntwerpen</i>	
12.15pm – 12.30pm	Refreshment break – wonder.me		
12.30pm – 1.45pm	Ports session: COLLABORATION	Maritime session: INNOVATION	Chain / Hinterland session: INLAND WATERWAY TRANSPORT
	Chair: Bart Kuipers	Chair: Jeroen Pruyn	Chair: Tiago Santos
	Steward: Lixon Samuel	Steward: Noemi Van Meir	Steward: Peter Shobayo
	Research collaboration and scientific productivity in the port management studies	Developing Digital Maritime Services	Behavioral biases distorting the demand for inland waterway transport: An overview
<i>Marcella De Martino IRISS-CNR Mehmet Ali Koseoglu The Hong Kong Polytechnic University</i> <i>Alfonso Morvillo IRISS-CNR</i> <i>Mehmet Yildiz Yildirim Beyazit University Ankara</i>	<i>Michael Bergmann International PortCDM Council</i>	<i>Pfoser Sarah University of Applied Sciences Upper Austria</i> <i>Stockhammer Verena University of Applied Sciences Upper Austria</i> <i>Markvica Karin Austrian Institute of Technology</i> <i>Zajicek Jürgen Austrian Institute of Technology</i> <i>Rudloff Christian Austrian Institute of Technology</i>	



	Value creation in inter-organizational collaboration: designing sustainable port development strategies <i>Marcella De Martino</i> <i>IRISS-CNR</i>	Marine Insurance Cybersecurity Policies & Ransomware Risk Mitigation-A Collaborative Guide for Marine Insurance Providers and Marine Law Professionals <i>Eleanor Shifflette</i> <i>Texas A&M University - Galveston</i> <i>Paula Dewitte</i> <i>Texas A&M University - Galveston</i>	Public procurement as catalyst for sustainable inland shipping – the Swedish case <i>Inge Vierth</i> <i>VTI-Swedish Road and Transport Research Institute</i> <i>Axel Merkel</i> <i>VTI-Swedish Road and Transport Research Institute</i> <i>Henrik Sjöstand</i> <i>VTI-Swedish Road and Transport Research Institute</i>
	BORDER-CROSSING MERGER NORTH SEA PORT: APPLICATION OF THE CRITICAL SUCCESS FACTORS TO THE SEAPORTS OF THE FLEMISH DUTCH DELTA <i>Chris Peeters</i> <i>Policy Research, UAntwerpen</i> <i>Joost Hintjens</i> <i>UAntwerpen</i> <i>Miguel Timmermans</i> <i>UAntwerpen</i>	New technologies and shipping industry: a shipbuilding perspective <i>Alessio Tei</i> <i>University of Genoa</i>	Operational Characteristic and Supply of Inland Waterway Transportation service in Nigeria. Case study of Lagos State, Nigeria. <i>Chijioke Akpudo</i> <i>Federal University of Technology, Akure</i> <i>Mobolaji Stephens</i> <i>Federal University of Technology, Akure</i> <i>Ikpechukwu Njoku</i> <i>Federal University of Technology, Akure</i>
	Optimizing the Time Factors in Ports and Consequences for Externalities <i>Masoud Gargari</i> – <i>University of Antwerp</i>	The significance of pilot projects in overcoming transition barriers: a socio-technical analysis of the Dutch maritime energy transition <i>Louis Stolper</i> <i>TU Delft</i> <i>Jurrit Bergsma</i> <i>TU Delft</i> <i>Jeroen Pruyn</i> <i>TU Delft</i>	Small inland shipping in the Netherlands: operating below the radar? <i>Van der Horst Martijn</i> <i>KiM Netherlands Institute for Transport Policy Analysis</i> <i>Hoogervorst Dirk</i> <i>KiM Netherlands Institute for Transport Policy Analysis</i> <i>Francke Jan</i> <i>KiM Netherlands Institute for Transport Policy Analysis</i>
1.45pm – 2pm	Refreshment break – wonder.me		
2pm – 3pm	Plenary session: panel debate ecological sustainability <i>Edwin van Hassel</i> <i>Tom O'Brien</i> <i>Seraphim Kapros</i>		
3pm – 3.15pm	Refreshment break – wonder.me		
3.15pm – 4.30pm	Ports session: COMPETITION <i>Chair: Poonam Taneja</i> <i>Steward: Loghman Boukani</i>	Maritime session: EMISSIONS <i>Chair: Hidekazu Itoh</i> <i>Steward: Jeffrey Willems</i>	Chain / Hinterland session: MODE CHOICE <i>Chair: David Guerrero</i> <i>Steward: Majid Mohaseni</i>
	Feasibility and implementation of a generic agent-based framework for port competition.	Inclusion of shipping in the EU-ETS: assessing the economic impact for the maritime sector using the MRV data	Creating Innovation in Achieving Sustainability: Halal Port
	<i>Koen DE WINNE</i> <i>Universiteit Antwerpen</i>	<i>Anastasia Christodoulou</i> <i>World Maritime University</i> <i>Dimitrios Dalaklis</i> <i>World Maritime University</i> <i>Aykut Ölcer</i> <i>World Maritime University</i> <i>Peyman Ghaforian Masozzadeh</i> <i>World Maritime University</i>	<i>Harlina Suzana Jaafa</i> <i>Universiti Teknologi Mara, MALAYSIA</i> <i>Muhammad Razif Ahmad</i> <i>Johor Port Authority, MALAYSIA</i> <i>Nasruddin Faisol</i> <i>Universiti Teknologi Mara, MALAYSIA</i> <i>Monaleza Abd Azizi</i> <i>Johor Port Authority, MALAYSIA</i>
	Co-opetition of the Eastern Baltic ports: lessons from the COVID-19 pandemic	Hydrogen as an Alternative Fuel in Shipping	Import, export and transit trade further revealed; more detailed goods description, cargo type, port areas, transport hubs and hinterland transport



	<i>Elena Efimova Saint Petersburg State University</i> <i>Svetlana Vroblevskaya Saint Petersburg State University</i>	<i>Lara Pomaska Kühne Logistics University (KLU)</i> <i>Michele Acciaro Kühne Logistics University (KLU)</i>	<i>Chris de Blois Statistics Netherlands</i> <i>Anne-Peter Alberda Statistics Netherlands</i> <i>Harm Jan Boonstra Statistics Netherlands</i>
	Equilibrium models for ports competition and cooperation	Strengthening the Business Case for Wind Assisted Ship Propulsion	Collaboration Methodology in Between Logistics Clusters
	<i>Francesco Russo Università Mediterranea di Reggio Calabria</i> <i>Giuseppe Musolino Università Mediterranea di Reggio Calabria</i>	<i>Vasileios Kosmas Kuehne logistics University</i> <i>Michele Acciaro Kuehne Logistics University</i> <i>Todd Chou Kuehne Logistics University</i>	<i>Seyed Abolfazl Mohseni University of Antwerp</i> <i>Christa Sys University of Antwerp</i> <i>Thierry Vanelslander University of Antwerp</i>
	Perspectives on the impact of the COVID-19 pandemic on the global and African maritime transport sectors, and the potential implications for Africa's maritime governance	Wind powered shipping – Stakeholders' logistics requirements	Improving the efficiency of inland waterway transport in the Rhine Alpine corridor
	<i>Adekola Oyenuga - AO Blue Economy & Energy Consulting</i>	<i>Vendela Santén SSPA Sweden AB</i> <i>Christian Finnsgård SSPA Sweden AB</i>	<i>Bilge Atasoy Delft University of Technology</i> <i>Edwin van Hassel University of Antwerp</i> <i>Adrien Nicolet Delft University of Technology</i> <i>Peter Shobayo University of Antwerp</i> <i>Thierry Vanelslander University of Antwerp</i>
4.30pm – 4.45pm	Refreshment break – wonder.me		
	Ports session: DIGITAL	Maritime session: CRUISE	Chain / Hinterland session: GREENING
	Chair: Tom O'brien	Chair: Claudio Ferrari	Chair: Yasmine Rashed
	Steward: Lixon Samuel	Steward: Noemi Van Meir	Steward: Peter Shobayo
	Collaborative digital port applications: identifying stakeholders' roles and a comprehensive development roadmap	A two-objective optimization of ship itineraries for a cruise company	The quest for greening options in inland shipping: a CBA - SIA analysis of the LNG case
	<i>Lorenzo Franchi Antwerp Management School</i> <i>Valentin Carlan University of Antwerp</i> <i>Wouter Van Bockhaven Antwerp Management School</i> <i>Thierry Vanelslander University of Antwerp</i>	<i>Gianni Di Pillo ACTOR SRL, Sapienza University of Rome</i> <i>Marcello Fabiano ACTOR SRL, Sapienza University of Rome</i> <i>Stefano Lucidi Sapienza University of Rome</i> <i>Massimo Roma Sapienza University of Rome</i>	<i>Edwin Verbergh UAntwerp</i> <i>Thierry Vanelslander UAntwerp</i> <i>Edwin van Hassel UAntwerp</i> <i>Daisy Rycquart CITBO</i>
4.45pm – 6pm	The role of emerging ICT technologies in the ports: increasing utilities according to shared decisions	Triage Time: The Cruise Industry and Covid-19	WHAT FEASIBLE BENEFITS CAN BE REALIZED FROM PORT CALL OPTIMIZATION? A STUDY OF THE 'ENERGY EFFICIENCY GAP' IN SWEDISH TRAMP SHIPPING
	<i>Francesco Russo Mediterranea University of Reggio Calabria</i> <i>Giuseppe Musolino Mediterranea University of Reggio Calabria</i>	<i>Christopher Clott State University of New York</i> <i>Dominick Petruzzo State University of New York</i>	<i>Axel Merkel Swedish National Road and Transport Research Institute (VTI)</i> <i>Joakim Kalantari Swedish National Road and Transport Research Institute (VTI)</i>
	<i>Maritime Port Policy in the Uncertain Development Towards the Physical Internet</i>	Cruise industry in front of accidents and pandemic exit strategy with stochastic frontier analysis	ASSESSING EMISSIONS REDUCTION AND THE NEAR-PORT AIR QUALITY CHANGE FROM THE DRAYAGE TRUCK REPLACEMENT PROGRAM OF THE PORTS OF NEW YORK AND NEW JERSEY
	<i>Patrick Fahim Delft University of Technology</i> <i>Gerjan Mientjes Delft University of Technology</i> <i>Jafar Rezaei Delft University of Technology</i> <i>Lori Tavasszy Delft University of Technology</i>	<i>Mauro Catalani University of Naples Parthenope</i> <i>Simonetta Zamparelli University of Molise</i> <i>Sara Raffio University of Naples Parthenope</i> <i>Federica Pizzolante University of Naples Parthenope</i>	<i>Yeonkyeong Park Cornell University</i>



6pm -
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Free after hours networking – wonder.me



Thursday 6 May			
	Ports session: FUTURE	Maritime sessions: PASSENGER	Chain / Hinterland session: GREENING COSTS
	<i>Chair: Valentin Carlan</i>	<i>Chair: Marzieh Nazemzadeh</i>	<i>Chair: Domenico Gattuso</i>
	<i>Steward: Loghman Boukani</i>	<i>Steward: Majid Mohaseni</i>	<i>Steward: Jeffrey Willems</i>
	Conceptualisation of the Port of the Future based on Business Canvas Model methodology: Case study of the Vision 2040 of the Port of Barcelona	Aggregate demand models for nautical tourism: trend, in transit, seasonal.	Pass through implications for the development of policies to mitigate environmental externalities in Europe and North America
11am – 12.15am	<i>Javier Garrido Salsas Port of Barcelona-CENIT</i> <i>Sergi Sauri Marchan CENIT</i> <i>Carles Rua Port of Barcelona</i> <i>Jordi Torrent Port of Barcelona</i>	<i>Francesco Russo Università degli studi Mediterranea di Reggio Calabria</i> <i>Corrado Rindone Università degli studi Mediterranea di Reggio Calabria</i>	<i>Benny Mantin Univeristy of luxembourg</i> <i>James Nolan University of saskatchewan</i>
	Directions of Development of Smart Seaports	Ferry passengers' acceptance of transfer hubs at islandic ports of the Aegean Archipelago with discrete choice modelling	The potential of Hydrogen for the transport and port sector; opportunities and threats
	<i>Eliza Michalowska Gdańsk University of Technology</i> <i>Karolina A. Krośnicka Gdańsk University of Technology</i>	<i>Fani Hatzioannidu University of the Aegean</i> <i>Amalia Polydoropoulou University of the Aegean</i>	<i>GEERLINGS HARRY ERASMUS UNIVERSITY ROTTERDAM</i> <i>VAN GRIEKEN BERT INDEPENDENT RESEARCHER</i>
	Strategic Planning Framework in the Port Sector: Case of Ukraine	Assessing the Potential of Mobility as a service in Passenger Maritime Transport.	A study into the availability, costs and GHG reduction of drop-in biofuels for shipping under different regimes between 2020 and 2050.
	<i>Volodymyr Shemayev National Aviation University, Kyiv</i>	<i>Georgios Papaioannou University of the Aegean</i> <i>Amalia Polydoropoulou University of the Aegean</i> <i>Athena Tsirimpa University of the Aegean</i> <i>Ioanna Pagoni University of the Aegean</i> <i>Ioannis Tsouros University of the Aegean</i>	<i>Douwe Kroft, van der Delft University of Technology</i> <i>Jeroen Pruyn Delft University of Technology</i> <i>Ruud Verbeek TNO</i> <i>Pieter Hart, 't Maritiem Kennis Centrum</i> <i>Bart Hellings Goodfuels</i>
12.15pm – 12.30pm	Refreshment break – wonder.me		
	Ports session: EMISSIONS	Maritime session: AUTOMATION	Chain / Hinterland session: SHORT SEA SHIPPING
	<i>Chair: Hans-Joachim Schramm</i>	<i>Chair: Elena Efimova</i>	<i>Chair: Chris De Blois</i>
	<i>Steward: Lixon Samuel</i>	<i>Steward: Peter Shobayo</i>	<i>Steward: Noemi Van Meir</i>
	Methodology for the Daily Port & Shoreline Emission Inventory	A model to assess innovation in transport: evidence from the maritime autonomous surface ships	ro-ro and lo-lo alternatives between Mediterranean countries: characteristics affecting the service choice.
12.30pm – 1.45pm	<i>Elyakim BenHakoun Technion - Israel Institute of Technology</i> <i>Eddy Van De Voorde University of Antwerp</i> <i>Yoram Shifan Technion - Israel Institute of Technology</i>	<i>Tiago Fonseca World Maritime University</i> <i>Khanssa Lagdami World Maritime University</i> <i>Jens-Uwe Schröder-Hinrichs World Maritime University</i>	<i>Francesco Russo Università Mediterranea di Reggio Calabria</i> <i>Giuseppe Musolino Università Mediterranea di Reggio Calabria</i> <i>Vincenzo Assumma Società degli Interporti Siciliani</i>
	Environmental Pricing Coordination in the Case of Port Authorities	Full mission simulation to investigate the effects of autonomous shipping on the future role of the Licensed Deck Officer taking into effect potential changes to COLREGs and STCW	Future Cargo Base for Transit Shipping between NW Europe and NE Asia via the Northern Sea Route
	<i>Michele Acciaro Acciaro Kühne Logistics University</i>	<i>Elspeth Hannaford University of Antwerp</i> <i>Pieter Maes University of Antwerp</i>	<i>Alina Kovalenko Nord University</i> <i>Bjørn Gunnarsson Nord University</i>
	Estimation of polluting emissions of chips calling in the major Belgian ports in 2019	Automated vessel detection for enabling autonomous vessels on European inland waterways	Integrating short sea shipping within Trans-European Transport Networks
	<i>Kerbiriou Ronan Université Le Havre Normandie</i> <i>Serry Arnaud Université Le Havre Normandie</i>	<i>Billast Mattias University of AntwerpDe Schepper</i> <i>Tom University of AntwerpOramas Mogrovejo</i> <i>José Antonio University of Antwerp</i>	<i>Tiago Santos Universidade de Lisboa</i> <i>Miguel Ângelo Fonseca Universidade de Lisboa</i> <i>Pedro Martins Universidade de Lisboa</i>



		<i>Latré Steven University of Antwerp</i>	<i>Carlos Guedes Soares Universidade de Lisboa</i>
		Autonomous deep-sea shipping - the economist's view	The future demand for containerized inland shipping on the Rhine Alpine corridor in North-Western Europe. A SARIMA scenario approach
		<i>Roar Adland Norwegian School of Economics</i> <i>Siri P. Strandenes Norwegian School of Economics</i>	<i>Noemi Van Meir University of Antwerp</i> <i>Yasmine Rashed Arab Academy for Science, Technology and Maritime Transport, Egypt</i> <i>Katrien Storms University of Antwerp</i> <i>Christa Sys University of Antwerp</i> <i>Thierry Vanellander University of Antwerp</i> <i>Edwin van Hassel University of Antwerp</i>
1.45pm – 2pm	Refreshment break – wonder.me		
2pm – 3pm	Plenary session: Academia meets industry		
3pm – 3.15pm	Refreshment break – wonder.me		
3.15pm – 4.30pm	Ports session: ENERGY	Maritime session: PRICING	Chain / Hinterland session: RAIL
	<i>Chair: Michele Acciaro</i>	<i>Chair: Siri Strandenes</i>	<i>Chair: Gianfranco Fancello</i>
	<i>Steward: Loghman Boukani</i>	<i>Steward: Majid Mohaseni</i>	<i>Steward: Jeffrey Willems</i>
	The Daily Port & Shoreline Emission Inventory - the Israel Case - Haifa	Container pricing on import oriented origin-destination market	An integrated methodology for the multi-objective optimization of port railway capacity: The case study of the Port of Trieste
	<i>Elyakim BenHakoun Technion - Israel Institute of Technology</i> <i>Eddy Van De Voorde University of Antwerp</i> <i>Yoram Shifan Technion - Israel Institute of Technology</i>	<i>Mobolaji Stephens Federal University of Technology, Akure</i> <i>Innocent Ogwude Federal University of Technology, Owerri</i>	<i>Caterina Caramuta University of Trieste</i> <i>Giovanni Longo University of Trieste</i> <i>Teresa Montrone Esteco S.p.A.</i> <i>Carlo Poloni University of Trieste</i>
	Arctic Port Development the Future of Asian Energy Logistics	Loyalty and retaliation in container freight tender management - an agent based approach.	Port of Gdynia strategic planning in light of multimodality challenges in transport & logistics.
	<i>Cassia Galvao Texas A&M University at Galveston</i> <i>Andrew Brown Texas A&M University at Galveston</i>	<i>Hans Joachim Schramm WU Wirtschaftsuniversität Wien</i> <i>Roy Jacob Huisman WU Wirtschaftsuniversität Wien</i>	<i>Michal Tuszyński Port of Gdynia Authority</i>
	Stimulating demand sector and the government role to develop LNG as marine fuel, A case study in Southern Iranian Ports	Generalized transport costs in intermodal shipping: The context of the Northern Sea Route	Estimated Gains of Reducing Environmental Costs of Containerised Cargo Distribution in Nigeria
<i>Mohammad Vaferi Vaferi University of Antwerp</i> <i>Ahmad Rajabi Netherlands Maritime University</i>	<i>Alina Kovalenko Nord University (CHNL)</i> <i>Terje Andreas Mathisen Nord University</i>	<i>Mobolaji Stephens Federal University of Technology, Akure</i> <i>Chukwuemeka Enyinda Federal University of Technology, Owerri</i> <i>Innocent Ogwude Federal University of Technology, Owerri</i>	
4.30pm – 4.45pm	Refreshment break – wonder.me		
4.45pm – 6pm	Ports session: INVESTMENT	Maritime session: SAFETY	Chain / Hinterland session: SOCIETAL IMPACT
	<i>Chair: Marcella De Martino</i>	<i>Chair: Elyakim Ban Hakoun</i>	<i>Chair: Chiara Tincani</i>
	<i>Steward: Lixon Samuel</i>	<i>Steward: Noemi Van Meir</i>	<i>Steward: Peter Shobayo</i>
	Lessons from port of Piraeus for port of Chabahar: a benchmarking approach in Foreign Investment in infrastructure	Ship Domain in the Strait of Istanbul	The socioeconomic impact of the Port of Antwerp on Belgium



<p><i>Marzieh Nazemzadeh Technological university of Dublin</i> <i>Jafar Sayareh, Chabahar Maritime University</i> <i>Nikolaos Valantasis Kanellos Technological university of Dublin</i></p>	<p><i>Yigit C. Altan Ozyegin University</i> <i>Martijn Meijers TU Delft</i></p>	<p><i>Hannes Havermaet Universiteit Antwerpen</i> <i>Joris Beckers Universiteit Antwerpen</i> <i>Thierry Vanelslander Universiteit Antwerpen</i> <i>Ann Verhetsel Universiteit Antwerpen</i></p>
Value Creation in Fertilizers Logistics through Port Privatization in India	Quantifying Collision Frequency in Congested Waterways	Measuring the contribution of Ports in regional business ecosystem
<p><i>Mukesh Parikh Adani Institute of Infrastructure Management</i> <i>Unmesh Abhyankar Adani Institute of Infrastructure Management</i></p>	<p><i>Yigit C. Altan Ozyegin University Sirin</i> <i>Ozlem Isik University</i> <i>Emre Otay Bogazici University</i></p>	<p><i>Dimitrios DIMITRIOU Democritus University of Thrace</i> <i>Maria SARTZETAKI Democritus University of Thrace</i></p>
Arctic Transshipment Hubs Planning along the Northern Sea Route (NSR): A systematic literature review of Arctic port infrastructure and research agenda	Emergency Management and Systems Thinking: Describing the Initial Responses of the Maritime System to the Evolving Regulations	Southern California Regional Workforce Development Needs Assessment for the Transportation and Supply Chain Industry Sectors
<p><i>Roberto Rivas Hermann Nord University</i> <i>Ning Lin Nord University</i></p>	<p><i>Bruce Lambert University of Antwerp</i></p>	<p><i>Thomas O'Brien O'Brien California State University</i> <i>Deanna Matsumoto Matsumoto California State University</i> <i>Diana Sanchez California State University</i> <i>Tyler Reeb California State University</i> <i>Caitlin Mace California State University</i> <i>Eleni Hala California State University</i> <i>Elizabeth Warren California State University</i></p>
LIVING APART TOGETHER/ Rotterdam, Antwerp and Hamburg: relationships between port and city under pressure		
<p><i>Jos Vroomans Erasmus University</i> <i>Harry Geerlings Erasmus University</i> <i>Bart Kuipers Erasmus University</i></p>		
6pm - ...	Free after hours networking – wonder.me	



Friday 7 May

	Ports session: THROUGHPUT	Maritime session: SUSTAINABILITY	Chain / Hinterland session: SMART
	Chair: Francesco Russo	Chair: Anastasia Christodoulou	Chair: Harry Geerlings
	Steward: Loghman Boukani	Steward: Majid Mohaseni	Steward: Jeffrey Willems
	Analysis of the impacts of COVID-19 on selected categories of goods passing through Genoa and Savona ports in Italy	<i>Customer expectations: An antecedent of sustainable business practices in European short sea shipping industry</i>	Smart efficient dry port location in the European Union area.
	Claudia Caballini Politecnico di Torino Hilda Ghiara University of Genoa Luca Persico University of Genoa	Zeeshan Raza University of Gothenburg Johan Woxenius University of Gothenburg	Ghada Mtir Tunisia Hamdi Dkhil University of Le Havre Abdelkader Sbihi Brest business school Foued Aloulou Tunisia
	Identification of competitiveness indexes of Mediterranean container ports using Data Envelopment Analysis	<i>Just do good things and talk about? The state of sustainability reporting by liner shipping operators</i>	The role of Research and Innovation in Europe for the decarbonisation of waterborne transport
11am – 12.15am	Gianfranco Fancello University of Cagliari Patrizia Serra University of Cagliari Valentina Aramu University of Cagliari Daniel Mark Vitiello University of Cagliari	Hans Joachim Schramm WU Wirtschaftsuniversität Wien	Monica GROSSO European Commission, Joint Research Centre Directorate C- Energy, Transport and Climate Unit C.4 - Sustainable Transport Fabio MARQUES DOS SANTOS European Commission, Joint Research Centre Directorate C- Energy, Transport and Climate Unit C.4 - Sustainable Transport Konstantinos GKOUKAS European Commission, Joint Research Centre Directorate C- Energy, Transport and Climate Unit C.4 - Sustainable Transport Ferenc PEKAR European Commission, Joint Research Centre Directorate C- Energy, Transport and Climate Unit C.4 - Sustainable Transport Marcin STEPNIAK European Commission, Joint Research Centre Directorate C- Energy, Transport and Climate Unit C.4 - Sustainable Transport
	New tools for multi-port traffic analysis: Compositional Data and visual techniques	<i>Decision support tools for biofouling management optimization in the Baltic Sea area</i>	Smart workplace: students' opinion on being prepared to meeting new digitalisation challenges
	Manel Grifoll Universitat Politècnica de Catalunya Dong Huang Universitat Politècnica de Catalunya M.I. Ortego Universitat Politècnica de Catalunya Hongxiang Feng University of Ningbo Pengjun Zheng University of Ningbo	Emilia Luoma University of Helsinki Lauri Nevalainen University of Helsinki Elias Altarriba South-Eastern Finland University of Applied Sciences, XAMK Inari Helle University of Helsinki Annukka Lehtikoinen University of Helsinki Mirka Laurila-Pant University of Helsinki	Inga Bartuseviciene World Maritime University Elena Valioniene Lithuanian Maritime Academy
	Rotterdam, Europe's hottest port for cool logistics?	<i>Pilot ship Port of Amsterdam on NaBH4 as H2 carrier</i>	Traffic Prediction and Optimization for Categorized Truck Arrivals at Ports
	Bart Kuipers Erasmus center for Urban, Port and Transport economics Paul Van de Lande TNO/Amsterdam Consultants	Jan Egbertsen Port of Amsterdam Klaas De Visser Delft University of Technology Olavo Franco Delft University of Technology	Na LI Dalian Maritime University Haotian SHENG Dalian Maritime University Hercules HARALAMBIDES Dalian Maritime University Zhihong JIN Dalian Maritime University



12.15pm – 12.30pm	Refreshment break – wonder.me		
	Ports session: EFFICIENCY	Maritime session: MARKET	Chain / Hinterland session: CLUSTER
	<i>Chair: Claudia Caballini</i>	<i>Chair: Axel Merkel</i>	<i>Chair: Inge Vierth</i>
	<i>Steward: Noemi Van Meir</i>	<i>Steward: Lixon Samuel</i>	<i>Steward: Peter Shobayo</i>
	Assessing the time efficiency of seaside port operations in main Latin American ports through big data	Dry Bulk Shipping market dynamics: The Brazilian case	Orchestrating a port-city innovation ecosystem: port city governance in Rotterdam and Shanghai
	<i>Agustina Calatayud Inter American Development Bank</i> <i>Santiago Sánchez-González Inter American Development Bank</i> <i>Felipe Bedoya-Maya Inter American Development Bank</i> <i>Vielady Adriana González-Mejía Inter American Development Bank</i>	<i>Cassia B. Galvao Texas A&M University, Galveston</i> <i>Leo T. Robles UFMA Sergio S. Cutrim UFMA</i> <i>Luciana C. Guerise UFMA</i>	<i>Yueyue Zhang Radboud University</i> <i>Peter Martin Ache Radboud University</i>
	Container selectivity in different container handling systems	A typology of the maritime breakbulk sector	Maritime World Cities: Update on shifts in the 21 st Century
12.30pm – 1.45pm	<i>Alexander Kuznetsov Admiral Makarov State University of Maritime And Inland Shipping, Russia</i> <i>Hannu Oja Konecranes</i> <i>Anton Semenov Admiral Makarov State University of Maritime And Inland Shipping, Russia</i>	<i>Lixon Samuel University of Antwerp</i> <i>Christa Sys University of Antwerp</i> <i>Tom Van Woensel Eindhoven University of Technology</i>	<i>ANN VERHETSEL UNIVERSITY OF ANTWERP</i> <i>Jente HERTOOGHS UNIVERSITY OF ANTWERP</i>
	Strategies for efficient and green ports. Application in the context of a container port	Spillovers in Tanker freight markets	Container Ports Post-Privatisation – Analysis of the Roles of the Public and Private Sectors at Port Botany, Sydney
	<i>Domenico Gattuso Mediterranea University of Reggio Calabria</i> <i>Gian Carla Cassone Mediterranea University of Reggio Calabria</i> <i>Domenica Savia Pellicanò Mediterranea University of Reggio Calabria</i>	<i>Bangar Raju Totakura University of Petroleum and Energy Studies</i> <i>Rishabh Gupta University of Petroleum and Energy Studies</i> <i>Nikhil Kulshrestha Doon Business School, Dehradun</i>	<i>John Black UNSW, Sydney</i> <i>Violeta Roso Chalmers University of Technology</i>
	An Evaluation of First-Come, First-Served Scheduling in a Geometrically-Constrained Wet Bulk Terminal	The issue of ship recycling and the role of ship demolition in the current bulk shipping business	Port Process Management and Organizational Effectiveness
	<i>Heleen Eisen Vrije Universiteit Amsterdam</i> <i>Joachim van der Lei Vrije Universiteit Amsterdam</i> <i>Joost Zuidema Port of Amsterdam</i> <i>Thomas Koch Centrum Wiskunde & Informatica (CWI)</i> <i>Elenka Dugundji Vrije Universiteit Amsterdam / CWI</i>	<i>Spyros Vougioussis Alba, The American College of Greece,</i> <i>Christa Sys University of Antwerp</i> <i>Thierry Vanelstlander University of Antwerp</i>	<i>Periklis Saragiotis World Bank</i>
1.45pm – 2pm	Refreshment break – wonder.me		
	Plenary session: panel discussion jobs/training		
2pm – 3pm	<i>Christa Sys</i>		
	<i>Xin Shi</i>		
	<i>Hilda Ghiara</i>		
3pm – 3.15pm	Refreshment break – wonder.me		



	Ports session: RESILIENCE	Maritime session: NETWORKS	Chain / Hinterland session: COLLABORATION
	Chair: Cassia Galvao	Chair: Spyros Vougiouos	Chair: Wouter Verheyen
	Steward: Loghman Boukani	Steward: Majid Mohaseni	Steward: Jeffrey Willems
	100% Operational! An organizational resilience perspective on ports as critical infrastructures.	Maritime services and worldwide strategies of container ships operators during the 2018-2019 period.	Multi-Scenario policies assessment on empty container repositioning: Towards a sustainable transport in Egypt
	Niels Vanlaer Port of Antwerp Sascha Albers University of Antwerp Steven van den Oord AMS Hugo Marynissen AMS	Kerbiriou Ronan Université Le Havre Normandie Joly Olivier Université Le Havre Normandie Serry Arnaud Université Le Havre Normandie	Yasmine Rashed Arab Academy for Science, Technology and Maritime Transport, Egypt Karim Soliman Arab Academy for Science, Technology and Maritime Transport, Egypt Mohamed Atwa Atwa COSCO SHIPPING Lines (EGYPT) S.A.EKAri
3.15pm – 4.30pm	Pandemic and port operations in the EU: e legal analysis Francesco Munari University of Genoa	Visualizing maritime connectivity at national level: the case of LSBCI links of West European countries David Guerrero Université Gustave Eiffel, Ifsttar, Ame-Splott Patrick Niérat Université Gustave Eiffel, Ifsttar, Ame-Splott Jean-Claude Thill University of North Carolina at Charlotte Emmanuel Cohen Université Gustave Eiffel, Ifsttar, Ame-Splott	Territorial continuity in relation to restrictive measures aimed at containing the epidemic and their consistency with the indications of the European Union Chiara Tincani University of Verona Italy
	Enhancing Flood Resilience of Critical Infrastructure Systems: Lessons from the Port of Rotterdam Eline Punt Technische Universität Darmstadt Jochen Monstadt Utrecht University Patrick Witte Utrecht University Sybille Frank Technische Universität Darmstadt	Ship technology transition and maritime trade network Hidekazu Itoh Kwansei Gakuin University Cesar Ducruet French National Center for Scientific Research	Technology enabled Transportation: Research agenda for strategic alliances Sameer Bhatnagar Indian Institute of Management Kozhikode
	Developing and Demonstrating a Maturity Model for Smart Ports Yassin Boullauazan University of Antwerp Christa Sys University of Antwerp Thierry Vanelslander University of Antwerp	Improving Liner Shipping Connectivity Index (LSCI) of Bangladesh to Increase Market Share in the International Shipping Razon Chandra Saha Bangladesh University of Professionals	
4.30pm – 4.45pm	Refreshment break – wonder.me		
	Ports session: SUSTAINABILITY	Maritime session: CAPACITY	Chain / Hinterland session: MULTIMODALITY
	Chair: Agustina Calatayud	Chair: César Ducruet	Chair: Martijn Van der Horst
	Steward: Lixon Samuel	Steward: Noemi Van Meir	Steward: Peter Shobayo
	The Little Ship that Got Away: Small Vessel – Big Impact	Capacity utilisation in liner shipping	Italian intermodal logistics corridors: the cargo point of view
	Elyakim BenHakoun Technion - Israel Institute of Technology Eddy Van De Voorde University of Antwerp Yoram Shifan Technion - Israel Institute of Technology	Violeta Roso Chalmers University of Technology Ceren Altuntas-Vural Chalmers University of Technology Sara Rogersson SSPA Sweden AB Vendela Santén SSPA Sweden AB Christian Finnsgård SSPA Sweden AB	Claudio Ferrari University of Genoa Luca Persico University of Genoa Alessio Tei University of Genoa



	Sustainability Performance of Port Infrastructure <i>Poonam Taneja Delft University of Technology</i> <i>G.P. van Rhede van der Kloot MTBS</i> <i>Mark van Koningsveld Delft University of Technology</i>	Capacity Allocation in Container Shipping Considering Empty Containers and Uncertain Demand <i>Ercan Kurtulus Karadeniz Technical University</i>	BRI: opportunities and threats for the gateway ports of the Hamburg-Le Havre range <i>Joost Hintjens AP University of Applied Sciences</i>
	The utility and relevance of port greening issues and solutions: discrete choice analysis investigation on environmental parameters affecting container shipping companies' behaviours <i>Lorenzo Franchi University of Rome La Sapienza</i> <i>Thierry Vanelander University of Antwerp</i>	Reducing Anchorage in Ports: Changing Technologies, Opportunities and Challenges <i>Trevor Heaver University of British Columbia</i>	An innovative simulation agent-based model for the combined road-sea transport as a Decision Support System <i>Stefano Carrese University of Roma Tre</i> <i>Marco Petrelli University of Roma Tre</i> <i>Alessandra Renna University of Roma Tre</i> <i>Michele Valentini University of Roma Tre</i>
5.45pm - ...	Closing words – wonder.me		