



Two-day International Conference

Department of Transport & Regional Economics / Research Center on Commodity Flows

KEY DEVELOPMENTS IN THE PORT AND MARITIME SECTOR

WCTRS - Special Interest Group 2

21- 22 May 2012

Schedule and practical information



Monday 21 May		
8 – 8.45hrs	Registration of participants - Hof van Liere	
8.45 - 9.15hrs	Official opening	
	<i>Thierry Vanelslander, Scientific conference co-ordinator</i>	<i>Rudy Martens, dean Faculty of Applied Economics</i>
	<i>Johan Meeusen, vice-rector University of Antwerp</i>	<i>Ann Verhetsel, Department chair</i>
9.15 – 10.45hrs	Port competition	Ship dimensioning and speed
	<i>Session Chair: Eddy Van de Voorde</i>	<i>Session Chair: Koos Frouws</i>
	<i>Room: Grote Zaal</i>	<i>Room: Greshamzaal</i>
	Reefer Cargo Market in South American East Coast: a competitive analysis	Application of ship hydrodynamics studies for adapting navigation areas to increasing ship dimensions
	<i>Bomer Galvao Cassia, Robles Lea Tadeu</i>	<i>Vantorre Marc, Eloit Katrien</i>
	Intermodal Transport-Oriented of Ports: A Focus Group Study	Selection of the most efficient steaming speed of containerships using a topsis method
	<i>Denktas Sakar Gul, Durmus Ali Deveci</i>	<i>Abdul Rahman Noorul Shaiful Fitri, Yali Zang, Bonsall Steve, Wang Jin</i>
	Defining hinterland boundaries: a quantitative analysis of Italian ports	ARIADNA - Maritime Volumetric Navigation System
	<i>Grosso Monico, Ferrari Claudio, Parola Francesco, Dal Savio Giulio</i>	<i>De La Cuesta Bedoya Carlos, Gomez Arche Ana, Olmedo Soler Rafael, Lopez Cabeceira Marcos Aichhorn Klaus</i>
	Suitability Of Brazilian Ports To International Standards Of Ports Needs: A Case Study In The Port Of Salvador	Mega ships and upscaling in the global effect
	<i>Ferreira da silva barros Cristiane, Granemann Sergio</i>	<i>Slack Brian, Comtois Claude</i>
10.45 - 11hrs	Coffee break	
11- 12.15hrs	Hinterland policy	Green shipping options
	<i>Session Chair: Tom Pauwels</i>	<i>Session Chair: Christa Sys</i>
	<i>Room: Grote Zaal</i>	<i>Room: Willem Elschootzaal</i>
	Freight Transport Issues in the National Road Pricing Policy	A real option approach to investment in low sulphur maritime transport
	<i>Nazemzadeh Marzieh, Hilde Meersman, Vanelslander Thierry</i>	<i>Acciaro Michele</i>
	An exploratory analysis of the effects of modal split obligations in terminal concession contracts	An Investigation of the Feasibility of Nuclear Propulsion for Merchant Ships (Issues to be addressed by operating)
	<i>Van den Berg Roy, De Langen Peter</i>	<i>Javdani Zamani Sagheb Saeed, Moharami Gargari Masoud</i>
	The Project LOG-PAC and the Master Plan Of The Northern Italy Waterway System: A Real Alternative to promote sustainable Freight Transport	The European Union carbon policy: data and base (perimetre) issues for the shipping industry
	<i>Bresciani Chiara, Piccoli Guido</i>	<i>Lacoste Romuald, Gambet Emmanuel</i>
	A network flow model for the Northern Italy waterway system	Maritime NOx- and Sox-marginal emission abatement cost curves
	<i>Righini Giovanni</i>	<i>Vanherle Kris, Van Zeebroeck Bruno</i>
		Port management
		<i>Session Chair: Thierry Vanelslander</i>
		<i>Room: Willem Elschootzaal</i>
		Bulk supply chain and port governance
		<i>Comtois Claude, Slack Brian</i>
		Organizational Change in Ports and Analysis of Effectiveness in Value Chain Systems: results of a survey
		<i>Karatas Cimen, Cerit Guldem</i>
		Flexibility in port development and management
		<i>van der Lugt Larissa, Nijdam Michiel</i>
		The Economics of Port Management Reform
		<i>Verhoeven Patrick, Van de Voorde Eddy</i>
		Social and resource issues in ports
		<i>Session Chair: Patrick Verhoeven</i>
		<i>Room: Greshamzaal</i>
		USC CREATE Port Security Risk and Resource Management System (PortSec)
		<i>Orosz Michael, Isaac Maya</i>
		Modelling Human Resources Management in Maritime Container Terminals
		<i>Serra Patrizia, Fadda Paola, Di Francesco Massimo, Fancello Gianfranco, Zudas Paola</i>
		European maritime transport and port activities: identifying policy gaps towards reducing environmental impacts of socio-economic activities
		<i>Boteler Benjamin, Grünig Max, Lago Manuel</i>
		'Working with the Neighbours': Application of industrial ecology across port areas and its potential to leverage commercial advantage and support sustainable development
		<i>Royston Kate</i>



12.15 – 13.30hrs	Walking Lunch		
13.30 - 15hrs	Maritime pollution and prevention	Port hinterland positioning	TRANSPORTNET session: port innovation process and market uptake
	<i>Session Chair: Trevor Heaver</i>	<i>Session Chair: Larissa Van der Lugt</i>	<i>Session Chair: Thierry Vanelander</i>
	<i>Room: Greshamzaal</i>	<i>Room: Grote Zaal</i>	<i>Room: Willem Elschotzaal</i>
	The Mediterranean basin area: the need to develop agreements and protocols for dealing with emergencies involving pollution at sea	Characteristics of inland container depots in the logistics landscape of Northern India	Port innovation analysis
	<i>Ballini Fabio, Bozzo Ricardo, Cafaro Paolo</i>	<i>Gupta Sanjay</i>	<i>Vanelander Thierry</i>
	The Environmental problem in oceans caused by waste disposal by cruise ships	Intermodal transportation network design under uncertainty: case of the Hinterland of the port of Cotonou	Cold ironing introduction
	<i>Dias Camila, Rodrigues Ranyelle, Mouette Dominique</i>	<i>Lihoussou Messan</i>	<i>Tei Alessio</i>
	Are marine accidents really accident? Fallacy of random marine accidents in dry cargo fleet	Understanding supply chain management concepts in the context of port logistics: An explanatory framework	Port community systems development
	<i>Bulut Emrah, Shigeru Yoshida</i>	<i>Herz Nico</i>	<i>Kapros Seraphim</i>
	Air pollution regulation in the North Sea and the Baltic: Exploring the drivers of clean tech adoption in the maritime industry		Indented berth construction
	<i>Rivas Hermann Roberton, Remmen Arne</i>		<i>Tei Alessio</i>
15 - 15.15hrs	Coffee break		
15.15 – 16hrs	Industry meets academia: the panel debate <i>Patrick Verhoeven, Marc Huybrechts, Valérie Du Bois, Stefan Vanfraechem, Gen Giuliano, Eddy Van de Voorde, Christa Sys</i>		
	<i>Room: Grote Zaal</i>		
16– 17hrs	Port-city relationship	Maritime transport costs and market share	ACTRAMAR session: port and maritime transport law discussion session
	<i>Session Chair: Cimen Karatas</i>	<i>Session Chair: Michele Acciaro</i>	<i>Session Chair: Thierry Vanelander</i>
	<i>Room: Willem Elschotzaal</i>	<i>Room: Grote Zaal</i>	<i>Room: Greshamzaal</i>
	The relationship between port and town: a brief comparative study between Paranaguá (PR) and Rio Grande (RS), two major southern ports of Brazil	The uneven effect of maritime transport costs on international trade	Legal regime of freight integration. issues in shipping and port operation
	<i>Fernandes Rosa Neu Marcia</i>	<i>Bensassi Sami, Martinez-Zarzoso Inmaculada, Suárez Burguet Celestino</i>	<i>De Wit Ralph</i>
	A Ship Handling Difficulty Decision Tool for Safety Improvement of Ship Operated at Port Water/Strait Water based on the combination of AHP & Fuzzy Logic: Study case ferry	Re-Structuring Central Asia in the Global Market through Maritime Linkages	The proposal for a european directive on concessions:: impact on ports
	<i>Priadi Antoni Arif, Tjahjono Tri, Benabdelhafid Abdellatif</i>	<i>Gundogan Mete</i>	<i>Van Garsse Steven</i>
	Impacts of the Clean Air Action Plan	Sea basins characteristics affecting the presence of transshipment in regional maritime container markets	Maritime law issues
	<i>Genevieve Giuliano</i>	<i>Russo Francesco, Musolino Giuseppe</i>	<i>Van de Vijver Peter</i>
			The needs of the private transport law sector
			<i>Halleman Alexis</i>
17 - 17.15hrs	Coffee break		



Tuesday 22 May			
8.30 – 9.30hrs	Port concentration	Motorways of the Sea / Short Sea Shipping	Port and terminal location
	<i>Session Chair: Joost Hintjens</i>	<i>Session Chair: Monica Grosso</i>	<i>Session Chair: Jan Havenga</i>
	<i>Room: Grote Zaal</i>	<i>Room: Willem Elschootzaal</i>	<i>Room: Greshamzaal</i>
	The Dynamics of market concentration and its impact on Mediterranean container ports' competitiveness	Motorways of the Sea - can we turn Pipe Dreams into Reality?	Size Distribution Of Container Terminals In Seaports. Inclusion of the time factor
	<i>Elsayeh Mohi-Eldin, Hubbard Nick, Tipi Nicoleta</i>	<i>Fannon John</i>	<i>Kaslimi Vicky, Notteboom Theo</i>
	The territorial linkages of materials flows: port-region specialization in Europe, Japan, and the United States	Development of a planning model for small and medium sized forwarding companies for Short Sea Shipping transports	Location of logistics companies: measuring the impact of accessibility by discrete choice modeling
	<i>César Ducruet, Itoh Hidekazu, Joly Olivier</i>	<i>Muschket Markus, Clausen Uwe</i>	<i>Blomme Nele, De Smedt Bart, Cant Jeroen, Goos Peter, Kessels Roselinde, Verhetsel Ann</i>
	How Robust is Concentration in the European Container Port System? A Note on the North-South Balance of European Port Traffic	New Scheduling and Routing for Italian Motorways of the Sea	The Spatial Organization of the Ports in Santa Catarina and its Cities
	<i>Vanoutrive Thomas</i>	<i>Bevilacqua Maria, Carrese Stefano, Petrelli Marco</i>	<i>Cabral Elisa, Bastos José, Neu Márcia</i>
9.30 – 9.45hrs	Coffee break		
9.45 – 10.15hrs	Keynote speech Corrado Antonini (CEO Fincantieri): What future for European shipbuilding and the role of Fincantieri		
	<i>Room: Grote Zaal</i>		
10.15 – 11.15hrs	French-speaking session / Session francophone	Shipping integration and monitoring	Green shipping policies
	<i>Session Chair: César Ducruet</i>	<i>Session Chair: Trevor Heaver</i>	<i>Session Chair: Edwin van Hassel</i>
	<i>Room: Greshamzaal</i>	<i>Room: Willem Elschootzaal</i>	<i>Room: Grote Zaal</i>
	Mission de transfert modal des autoroutes de la mer	Drivers and barriers of integration for shipping lines and terminal operators and its relations with the evolution of global supply chains – formulation and methodological approach	Abating CO2 and SOx emissions from ships: what impact on the cost structure of North Europe-East liner services over the period 2015-2025 and what indirect effects on emissions
	<i>Dang Khanh Linh</i>	<i>Correia Duarte, Viegas José</i>	<i>Doudnikoff Marjorie, Gouvernal Elisabeth</i>
	Le futur des ports Algériens	A Data Mining Approach for Exploratory Data Analysis to Forecasting Arrivals Models in a Transshipment Container Terminal	International Transport and Sustainable Development
	<i>Mohamed Cherif Fatima Zohra</i>	<i>Pani Claudia, Fadda Paolo, Fancello Gianfranco, Frigau Luca, Mola Francesco</i>	<i>Köhler Jonathan</i>
		The Strategy of Japanese Shipping industry. Diversification Strategy of Japanese Shipping Industry	
		<i>Sun Yongze, Yoshida Shigeru</i>	
11.15 – 11.30hrs	Coffee break		
11.30 – 12.30hrs	Public issues in ports	Social and stakeholder issues in shipping	Maritime crisis impact



16 – 17.30hrs	Port performance and efficiency	Green and innovative ports	Port system optimization
	<i>Session Chair: Thomas Vanoutrive</i>	<i>Session Chair: Tom O'brien</i>	<i>Session Chair: Marcella De Martino</i>
	<i>Room: Willem Elschotzaal</i>	<i>Room: Grote Zaal</i>	<i>Room: Greshamzaal</i>
	Port Performance Assessment Based On The Balanced Scorecard (BSC)	Port Geofence Calculation for Greenhouse Gas Reduction	Estimating Lock Congestion
	<i>Gao Ziyi, Yoshida Shigeru</i>	<i>Klumpp Matthias, Sandhaus Gregor, Kandel Christof, Krome Dirk</i>	<i>Reynaerts Jo</i>
	The Effects of an Introduction of Performance and Quality Indexes in the Evaluation of the Terminal Activity	Development and environmental issues in the Port of Augusta: towards the integrated planning approach adopted in the Port of Antwerp	The lockmaster's problem
	<i>Tei Alessio, Ferrari Claudio, Puliafito Pier Paolo</i>	<i>Lavenia Ivano</i>	<i>Coene Sofie, Spieksma Frits, Vanden Berghe Greet</i>
	A Comparative Analysis of Efficiency of Container Ports and Terminals in the North Mediterranean Area	The transport of palletized goods by means of Floating Dc's and Self-Loading Containerships	A Lead-Time Based Approach for Sequencing Operations in Port Terminals Considering Hazardous Materials
	<i>Medda Francesca, Trujillo Lourdes</i>	<i>Vermant David</i>	<i>Di Febraro Angela, Sacco Angela, Saeednia Mahnam</i>
	Prestudy Port Service Quality Dimensions: Port Of Izmir As A Case Study	Estimation of greenhouse gas emissions for the Port of Antwerp	The lock scheduling challenge: Improving efficiency through optimization and decision support
	<i>Arabelen Gamze, Oral Ersel Zafer</i>	<i>Ina De Vlieger, Aernouts Kristien, Degraeuwe Bart, Callebaut Karen, Schrooten Geert</i>	<i>Verstichel Jannes, De Causmaecker Patrick, Vanden Berghe Greet</i>
		Improving environmental performance through innovation: the role of stakeholder collaboration in West Coast North American Port Gateways	Measuring time efficiency of container ports based on global vessel movements
		<i>O'Brien Thomas, Hall Peter, Woudsma Clarence</i>	<i>César Ducruet, Merk Olaf</i>
17.30hrs	Closing + reception		