



## Two-day International Conference

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

# CRITICAL ISSUES IN THE PORT AND MARITIME SECTOR

WCTRS - Special Interest Group 2

7- 8 May 2009

## Schedule and practical information



<b>Thursday 7 May</b>	
8 – 9hrs	<b>Registration of participants - Hof van Liere</b>
9 - 9.30hrs	<b>Official opening</b>
	<i>Kris Peeters, Minister-President of Flanders</i>
9.30 - 11hrs	<b>Port competition and planning</b>
	<i>Session Chair: Enrico Musso</i>
	Port competition modeling including maritime, port and hinterland characteristics
	<i>Barry Zondag – Significance, Pietro Bucci – Significance, Padideh Gützkow – NEA, Gerard de Jong – Significance/NEA/ITS Leeds</i>
	A Model of Spatial Port Competition
	<i>Jo Reynaerts</i>
	Secondary ports and deep sea services : an empirical investigation
	<i>Gambet Douet</i>
	The role of congestion in port competition
	<i>Hilde Meersman, Eddy Van de Voorde and Thierry Vanelander</i>
	Future Scenarios: Implications for Port Planning
	<i>P. Taneja, H. Ligteringen, W.E. Walker, M.van Schuylenburg, R.van der Plas</i>
	Competing for port hinterlands: The Portugese Logistic Plan
	<i>Rosário Macário</i>
11 - 11.15hrs	<b>Coffee break</b>
11.15 - 12.30hrs	<b>Sustainability in ports and maritime</b>
	<i>Session Chair: Hilde Meersman</i>
	<b>Keynote lecture: The present crisis of shipping: containers and bulk carriers - Impacts on ports and ship agents</b>
	<i>Umberto Masucci</i>
	Impacts of the Revised MARPOL Annex IV on External Costs of Maritime Shipping in Europe
	<i>Niklas Sieber</i>
	When is 'Short Sea Shipping' an alternative to land transport?
	<i>Francesca Medda - Lourdes Trujillo</i>
	Sustainable port development in the Netherlands – Framework for an integrated approach
	<i>Dr. S. Dekker, J.B. Hartman M.Sc. and H.J.W. Postma M.Sc.</i>
	Port sector sustainability reporting: the case of the port of Genoa
	<i>Claudio Ferrari, Elena Morchio, Simona Sanguineti</i>
12.30 - 14hrs	<b>Walking Lunch</b>
14 - 16hrs	<b>Port hinterland connections</b>
	<i>Session Chair: Trevor Heaver</i>
	ROLLING HIGHWAY: A multimodal transport service to reduce the congestion problems on the road accessibility to the ports
	<i>Stefano Carrese, University Roma Tre, Rome, Italy, Carmine Del Riccio, Trenitalia SpA-Divisione Cargo, Rome, Italy, Nicola Giannitelli, University Roma Tre, Rome, Italy, Luigi Tatarelli, Trenitalia SpA-Divisione Cargo, Rome, Italy</i>
	Increases in water-level risk for inland navigation markets due to climate change
	<i>Erhan Demirel, Jos van Ommeren, Piet Rietveld</i>
	Aligning barge and terminal operations by means of a Multi-Agent system
	<i>A.M. Douma P.C. Schuur J.M.J. Schutten</i>
	A Study on Key Technology of Large Stage Amplitude of Variation Port in Three Gorge Reservoir Region
	<i>Xinping YAN, Zhirong TAN</i>
	Inland shipping, the steel industry, and the energy sector: an empirical study of inter-dependencies in selected Western European countries
	<i>Norbert Kriedel</i>
	Improving handling of container barges in the port of Rotterdam: Can we learn from past initiatives and other ports?
	<i>Martijn van der Horst - Rob Konings</i>
	METROCARGO : an innovative system for inter-modal freight transport in villages and ports



	<i>Guido Porta - Vito Contursi</i>	
	Logistics for a Motorway of the Sea (MoS) between Spain and France: Problems in the fruit and vegetables transport	
	<i>J.C. Pérez-Mesa<sup>1</sup>, J. J. Céspedes-Lorente<sup>1</sup> and J. A. Salinas Andújar<sup>2</sup></i>	
16 - 16.15hrs	<b>Coffee break</b>	
16.15 – 18hrs	<b>Shipbuilding and ship demolition trends</b>	<b>Port efficiency</b>
	<i>Session Chair: Alfonso Morvillo</i>	<i>Session Chair: Eddy Van de Voorde</i>
	A Sample Reverse Logistics of Shipbuilding Industry	Ship-to-Shore Gantry Crane Simulator Design: Crane Operator Performance Analysis and Assessment Tool
	<i>Yu Xie</i>	<i>Prof. Agostino G. Bruzzone<sup>1</sup>, Prof. Paolo Fadda<sup>2</sup>, Prof. Gianfranco Fancello<sup>2</sup>, Ing. Enrico Boccali, Ing. Gianmarco D'Errico<sup>2</sup>, Ing. Alberto Tremoril</i>
	Implementation of an asymmetric stern in general marine craft	Port morphology and sea-side capacity estimation: a combinatorial modelling approach
	<i>Gonzalo Azqueta</i>	<i>Cristiano Marinacci, Stefano Ricci</i>
	The impacts of technical changes on the economic performance of dry bulk vessels	Organisational effectiveness at seaports: a systems approach
	<i>Shun Chen*, Koos Frouws, and Eddy Van de Voorde</i>	<i>Cimen Karatas, A. Güldem Cerit</i>
	Ship demolition": a sensitive market	Efficiency measurements in container terminal operations
	<i>Vougiou Spyros</i>	<i>Qianwen Liu - Francesca Medda</i>
	Economies of Scale in Mega containerships at a Port Authority level	Approximations for Operating Performances of Ship-To-Shore Cranes in Container Terminals
	<i>Giulia Arduino, David Guillermo Carrillo Murillo</i>	<i>Zoran Radmilović, Vladislav Maraš</i>
	Impact of mega containerships on European ports: a multicriteria analysis	Port Performance: Measuring Port Users Perspectives
	<i>Monica Grosso, Paresa Markianidou</i>	<i>Athanasios A. Pallis &amp; Thomas K. Vitsounis</i>
	Ship size limitations at the port entrance (Klaipeda port case study)	Performance and vulnerability of seaports: a study based on worldwide containerships' movements, 1996-2006
	<i>Vytautas Paulauskas</i>	<i>César Ducruet</i>
18hrs - 19hrs	<b>Panel</b>	
20hrs	<b>Conference Dinner</b>	



<b>Friday 8 May</b>	
9 - 11hrs	<b>Port organization</b>
	<i>Session Chair: Siri Standenes</i>
	A review of port authority functions: towards a renaissance?
	<i>Patrick Verhoeven</i>
	Maritime supply chains optimization and its impact on seaport management and administration systems – challenges for European ports
	<i>Andrzej S. Grzelakowski</i>
	Public-Private Partnerships in Ports: Evidence from Developing Countries
	<i>Marco Percoco</i>
	Societal costs and benefits of cooperation between port authorities
	<i>Pauline Wortelboer-van Donselaar Joost Kolkman</i>
	The development of port authorities' strategies
	<i>Larissa Van der Lugt</i>
	Santos port expansion: public and private investments partnerships
	<i>Léo Tadeu Robles and Luciana Cardoso Guerise</i>
	Activities, resources and inter-organisational relationships: key factors in the Port competitiveness
	<i>De Martino Marcella and Morvillo Alfonso</i>
	An analysis of effect of type of contract on game outcome among three ports
	<i>Naima Saeed and Odd I. Larsen</i>
11 - 11.15hrs	<b>Coffee break</b>
11.15 - 12.30hrs	<b>Maritime policy</b>
	<i>Session Chair: Heather Leggate</i>
	The Blueprint of Malaysian Maritime Industry Policy
	<i>Mohamad Rosni Othman</i>
	Maritime World Cities: From which cities operate the maritime decision makers?
	<i>Ann Verhetsel and Steve Sel</i>
	Regional Effects of Port Infrastructure: A Spatial CGE Approach
	<i>Eduardo A. Haddad Geoffrey J. D. Hewing Fernando S. Perobelli Raul A. C. dos Santo</i>
	Container and terminal shipping industry from a banking perspective (2008-2015)
	<i>Olivier Podevins</i>
	Impact of recent financial crisis on ship breaking industry, issues and challenges: Case study Alang ship breaking yard-Gujarat, India
	<i>Prakash Gaur</i>
12.30 – 14hrs	<b>Lunch</b>
14 -15hrs	<b>Shipping business issues</b>
	<i>Session Chair: Seraphim Kapros</i>
	The economics of shipping lines' groups: performances and trends
	<i>Ferrari C. *, Parola F. **, Avegno I. *</i>
	Towards a Consistent Maritime Trade Simulation
	<i>Jeroen Pruyn</i>
	Assessing the degree of competition in the container liner shipping industry
	<i>Christa Sys</i>
	Fixtures-Based Freight Rate Indices, and Their Impact on Freight Rate Modeling in the Shipping Industry
	<i>Veenstra, Van Dalen</i>
15hrs	<b>Closing reception</b>



## Practical Information

### Venue:

University of Antwerp, City campus, Hof van Liere, Prinsstraat 13, B – 2000 Antwerp, Belgium.

### How to get there:

Belgium's national airport in Zaventem is about 40km from Antwerp's city centre. Flight schedules can be consulted on the airport's website ([www.brusselsairport.be](http://www.brusselsairport.be)). Antwerp can be reached from the airport either by taxi, train or shuttle bus. A **taxi ride** to the city centre takes about 45 minutes. The **Brussels Airport shuttle bus** is leaving every hour from the airport and brings you in about 45 minutes directly to the hart of Antwerp. The stop is located at " De Keyserlei " in front of the Central Station, and about 15 minutes walking from the University of Antwerp at Prinsstraat 13. The price of a one-way ticket is € 8. More information, such as timetables, can be found at [www.airportexpress.be](http://www.airportexpress.be). A lot of hotels are located in the area. You will find other transport possibilities within walking distance. You can reach Antwerp also by **train**, leaving at the airport. There is still no direct connection, so you have to change for Antwerp at Brussels Noord-Station. You can use the [railway route planner](#) from the national railways - use 'Brussels airport' for the airport and 'Antwerpen Centraal' for the central station in Antwerp. Tickets can be purchased at the airport. Local transport: Antwerp Central Station (15 minutes' walk). Paid parkings: Sint-Jacobsmarkt and Molenbergstraat (5 minutes' walk).

[Download map](#) of the city campus of the University of Antwerp.

### Registration:

Registration can be effected:

- by using online electronic registration
- by completing the registration form and faxing it to the Department of Transport and Regional Economics at +32 (0)3 220 43 95 to the attention of Anne Arekens
- by completing the registration form and sending it to the Department of Transport and Regional Economics, to the attention of Anne Arekens, Room B-424, Prinsstraat 13, B – 2000 Antwerp, Belgium. Registration is to be done before **April 15 2009**. To register several participants, please use separate forms / separate electronic registrations. Registration is only valid upon confirmation of payment.

**Registration fee:** The registration fee amounts to **€ 50**. The rate is deliberately kept low, thanks to the kind support by the Department of Transport and Regional Economics of the University of Antwerp and the Port of Antwerp. This rate includes lunches on May 7-8. The contribution for the dinner on May 7<sup>th</sup> amounts to **€ 30**

**Payment modalities:** The registration fee and contribution for the dinner are payable into account n° 735-0223061-46 of the University of Antwerp with reference "WCTRS-SIG2 May 2009 and your name". Bank address KBC Bank, Eiermarkt 20, B-2000 Antwerp, Belgium. Foreign participants should also mention BIC code: KREDBEBB and IBAN code: BE33 7350 2230 6146.

**Scientific information:** [Dr. Thierry Vanelslander](mailto:Dr.Thierry.Vanelslander) (e-mail: [thierry.vanelslander@ua.ac.be](mailto:thierry.vanelslander@ua.ac.be) )

**Registration office:** Department of Transport and Regional Economics B-424, Prinsstraat 13, B – 2000 Antwerp Anne Arekens, Tel. : +32 (0) 3 220 41 50, Fax : +32 (0) 3 220 43 95  
E-mail : [conference2009@wctrs-maritime-ports.org](mailto:conference2009@wctrs-maritime-ports.org)

**Where to stay:** Accommodation in Antwerp has to be taken care of by the participants personally. Below please find a few suggestions. More information about the hotels can be found on their websites. Upon reservation, please mention your participation to the Conference in order to obtain the special prices assigned to the University of Antwerp.

**Hotel Prinse\*\*\*\*** (5' walking distance from conference location, historical area) Keizerstraat 63, 2000 Antwerpen, Tel. +32 (0)3 226 40 50, Fax +32 (0)3 225 11 48, [hotel-prinse@skynet.be](mailto:hotel-prinse@skynet.be) – [www.hotelprinse.be](http://www.hotelprinse.be) - Special price single room: € 100

**Alfa De Keyser Hotel\*\*\*\*** (100m west from central station and next to airport shuttle bus stop) De Keyserlei 66-70, 2018 Antwerpen, Tel. +32 (0)3 206 74 60, Fax +32 (0)3 232 39 70, [info@dekeyserhotel.be](mailto:info@dekeyserhotel.be) – [www.dekeyserhotel.be](http://www.dekeyserhotel.be) - Special price single room: € 92

**Ibis Hotel\*\*\*** (about 10' walking distance, 100m south from main shopping street Meir and Rubens House) Meistraat 39, 2000 Antwerpen, Tel. +32 (0)3 231 88 30, Fax +32 (0)3 234 29 21, [h1453@accor.com](mailto:h1453@accor.com) – [www.accorhotels.com](http://www.accorhotels.com) -Special price single room: €85 / double room: €89. Early booking required – special prices valid till 6 April 2009. Upon registration, please mention reference 014292.

**Hotel Columbus \*\*\*** (about 10' walking distance, nearby the main shopping street of Antwerp - Meir) Frankrijklei 4, 2000 Antwerpen, Tel. +32 (0)3 233.03.90, Fax +32 (0)3 226.09.46, [columbushotel@skynet.be](mailto:columbushotel@skynet.be) - [www.columbushotel.com](http://www.columbushotel.com) - Special price single room: € 83

**Express by Holiday Inn Antwerp City North \*\*\*** (about 10' walking distance, nearby the docks in the old port area) Italiëlei 2a, 2000 Antwerpen, Tel. +32 (0)3 221.49.49, Fax +32 (0)3 221.49.44 , [hotel@express-hiantwerpen.com](mailto:hotel@express-hiantwerpen.com) – [www.ichotelsgroup.com](http://www.ichotelsgroup.com) - Special price single room: € 79