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ITMM@tters is the official electronic newsletter of the Institute of Transport and Maritime Management Antwerp (ITMMA) of the University of Antwerp. It aims to provide, involve and interest readers covering a wide variety of topics. Areas in this edition include a rich palette of past, present and future events and activities of the institute as well as news on the University of Antwerp and the Port of Antwerp.

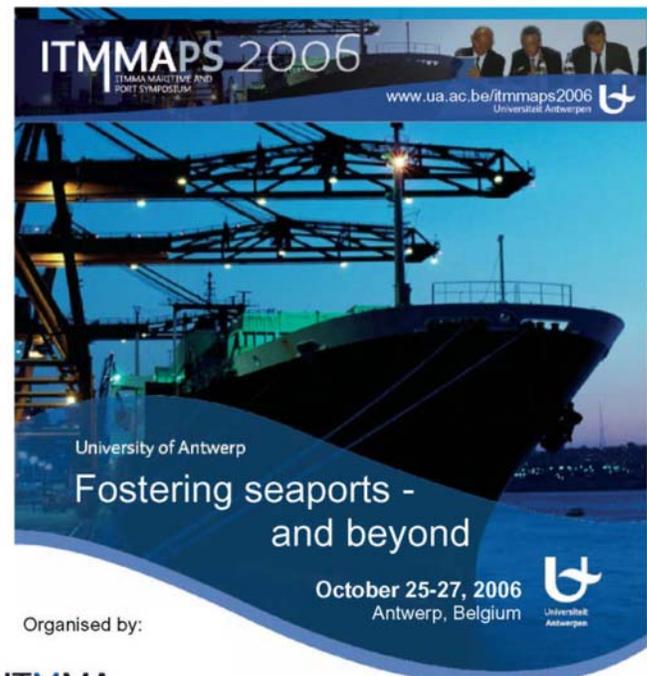
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■ Update conference ITMMAPS 2006

ITMMAPS 2006 will be held in Antwerp from 25 till 27 October 2006. The conference is organized by ITMMA–University of Antwerp in close partnership with the Dalian Maritime University (DMU), the European Sea Ports Organisation (ESPO) and the Antwerp Port Authority. The main sponsors include DP World, PSA HNN and the Flemish Government. Visit www.ua.ac.be/itmmaps2006 for further details regarding program and registration.

ITMMAPS 2006 will bring together industry leaders and academics to exchange ideas on the conference theme 'Fostering Seaports – and Beyond'. The conference will help to unravel today's challenges and advance and update our thinking on ports. Conference topics include logistics integration in shipping and ports, port governance and the role of port authorities, the 'China factor' in the European port and logistics industry, the human factor in terminal operations, a stakeholders approach to port planning and more. We look forward to welcoming you in Antwerp !



■ ITMMA and ESPO sign co-operation agreement

On May 10, 2006 the European Sea Ports Organisation and ITMMA signed a co-operation agreement in Antwerp. The agreement was signed by Giuliano Gallanti, chairman of ESPO, and Prof. Dr. Willy Winkelmanns, dean of ITMMA.

With the signing of a service agreement, ESPO and ITMMA wish to underline the importance for EU policy initiatives to be based on a sound knowledge of market processes. This is especially relevant in the context of the preparations for a European seaport policy which the European Commission is set to embark upon this year. The agreement between ESPO and ITMMA includes the preparation of an annual report analysing the principal market development trends that characterize the port sector. ESPO staff will get the



opportunity to attend sessions at ITMMA's short-term specialised courses. ESPO's support for the ITMMAPS 2006 conference, which will be held in Antwerp in October 2006, also features in the service agreement.



Mr. Giuliano Gallanti (Chairman ESPO) and Prof. Willy Winkelmans (Dean ITMMA) sign the service agreement.

■ Tenth graduation ceremony

On May 29 about 200 people gathered at the City Campus of the University of Antwerp for the tenth graduation ceremony at ITMMA. This year, the M.Sc. programme in Transport and Maritime Management (MTMM) welcomed 28 students from 14 nations worldwide. Twenty students from a total of twelve countries attended the fourth M.Sc. programme in Transport and Maritime Economics (MTME). Six students attended the first edition of the Pg.Dip in Transport and Logistics Management (Pg.Dip. TLM).



Mr. Luc Bertrand

In his word of welcome Mr. Luc Bertrand, CEO of Ackermans & van Haaren and DEME, underlined the importance of ITMMA in Antwerp's university and business environment. In his keynote speech, Mr. Patrick Verhoeven, Secretary-General of ESPO, gave a retrospective on the late Port Package I and Port Package II. Despite the dismissal of both proposals by the European Parliament, the curtain has not fallen on European port policy. The success of the ESPO conference in Stockholm, which took place on June 1-2, confirmed that both the European Commission and the relevant stakeholders have entered a new stage of consultation and discussion.



Mr. Patrick Verhoeven

Prof. Theo Notteboom, Chairman of the Examination Board, proclaimed the results of the students and Prof. Willy Winkelmans, Dean of ITMMA, handed over the diplomas to the students of the classes 2005- 2006. Jeremy Sykes addressed the audience on behalf of all students.



The ITMMA Classes of 2005-2006



This year's graduation ceremony was special for several reasons. First of all, it will go in history as the tenth graduation ceremony. It all started with a small group of students in 1996. Up to now, more than 300 students from close to 70 different nations have passed through ITMMA's doors. Secondly, it was the first time both the MTMM and MTME programme welcomed a student with greatest distinction (summa cum laude). And finally, the academic year 2005-2006 is the last year for Prof. Dr. Willy Winkelmanns as dean and full-time collaborator at ITMMA. Willy Winkelmanns is one of the founders and strongest defenders of ITMMA. The ITMMA staff and the ITMMA students and alumni thanked him for the space he has given for personal development and for the way he has developed and guided a unique international institute.

■ Awards ceremony

The De Lloyd Award 2006

Each year 'De Lloyd', publisher of the two daily newspapers 'De Lloyd' and 'Le Lloyd', awards a prize of 2,500 Euro to an ITMMA graduate. The Lloyd Award 2006 was granted to Mr. Mithobisi Zondi (South Africa) for his excellent results in two M.Sc. programmes (summa cum laude for MTMM programme and magna cum laude for MTME programme) and his thesis on 'Capacity Issues in container terminals: An operational perspective' for the MTMM programme and 'Modelling Container Terminals: A methodological approach to capacity issues' for the MTME programme. The award was handed over by Prof. Willy Winkelmanns on behalf of the Director and the Chief Editor of De Lloyd/Le Lloyd.



The Ahlers Award 2006

Ahlers is a logistic and maritime service provider operating in Europe, Asia and CIS/Baltic. The Ahlers Award 2006 went to Mr Christophe Theys (Belgium) for his excellent results (summa cum laude) and his thesis on 'A real-life extension of the total cost function in modal choice decision'. The award was handed over by Mr. Luc Maton, Director, Corporate Sales of Ahlers Logistics.



The Propeller Club Award 2006

The Propeller Club of the United States, Port of Antwerp Award 2006 was granted to Mr. Jeremy Sykes (USA) for his excellent results (magna cum laude) and his thesis on 'A survey of short sea shipping, financing, and use of a risk analysis for evaluating its potential: a case study for ports in the United States'. The award was handed over by Mr. Umno Bruns, marketing manager of PSA HNN, on behalf of the Propeller Club.



■ Renewed MSc. programs at ITMMA

Starting from the academic year 2006-2007, the MSc. programs at ITMMA are slightly revamped to better serve the maritime and logistics markets. The new compulsory course 'European Integration, Global Trade and Transportation' replaces the course 'Structural changes in the World Economy'. A number of elective courses will be added to the program of the Master of Science in Transport and Maritime Management (MTMM) including Seaports Law and a course on transport and the environment.

The restructuring of the MSc. programs also includes major changes in the course coordination. Most courses will have only one course coordinator instead of two. The updated programs for the Master of Science in Transport and Maritime Economics (MTME) and the Master of Science in transport and Maritime Economics will become available soon in the section 'Education & Training' of the [ITMMA website](#).

■ 10 years of company visits

Each year ITMMA organizes a large number of field visits in the framework of the course Maritime Technology Workshop. The special relationships ITMMA has developed over the years with numerous transport and maritime companies and institutions allow the students to test their scientific knowledge against daily practice. In the last 10 years, the following companies have hosted very interesting visits to the high satisfaction of students:

- Antwerp Port Authority
- Zeebrugge port authority - MBZ
- Port of Ghent
- Port of Rotterdam
- The Flemish Government
- Sidmar (Arcelor Group)
- BASF
- Sea-Invest (dry bulk and fruit handling)
- Technical University of Delft
- URS (salvage and towage company)
- Dredging International / DEME Group
- Marin (Maritime Research Institute)
- Marpobel
- PSA HNN (PSA group)
- Ahlers
- Katoen Natie
- Zuidnatie
- Damen Shipyards
- Antwerp Shiprepair
- Shipping & Signaling Services

ITMMA highly values the commitment of these companies.

■ Governments in Belgium confirm their trust in ITMMA

Next to the (yearly) ten partial scholarships from the Flemish Government (Foreign Affairs of Flanders) for the MSc. Program in Transport and Maritime Management, the Federal Government of Belgium (Directorate General for Development Cooperation/Belgian Technical Cooperation) also granted 2 scholarships for the MTMM-program in 2006 - 2007. The Flemish Government (Department of Mobility and Public Works) granted 2 scholarships especially dedicated to Chile for the MSc. Program in Transport and Maritime Economics (MTME) for the academic year 2006 - 2007. Finally, the Flemish Government (Department of Mobility and Public Works) will grant 4 scholarships for the Postgraduate Diploma in Transport and Logistics Management, especially dedicated to candidates from South Africa (academic year 2007-2008).

■ Research update

ITMMA's research activities have seen a steady growth in the last couple of months. ITMMA and the Antwerp Maritime Academy have recently concluded a study aimed at simulating the maritime access to the port of Antwerp. Moreover, the first phase of a pre-feasibility study for an underground transport system between the left and the right banks of the Antwerp port was finalized in co-operation with the engineering department of the Hogeschool Antwerpen. Both projects were funded by the Antwerp University Association.

In co-operation with the main contractor Resource Analysis and consultancy firm RebelGroup, ITMMA is editing guidelines on the application of Social Cost-Benefits Analyses to Flemish port-related infrastructure projects. The final report will be ready by the end of this year. A study on port labour in the Flemish ports is about to go public. The report was edited by the Flanders Institute for Logistics (VIL). ITMMA was one of the main contributors to the report.

ITMMA recently concluded its involvement in the project evaluation process of the Westerscheldt Container Terminal in the port of Flushing (the Netherlands). ITMMA has also drafted a paper commissioned by Alfaport Antwerp on the impact of the heightening of the bridges along the Albert Canal on barge capacities.

ITMMA is member of the task force on the Global Container Ports/Terminals Performance benchmarking project co-ordinated by the Hong Kong Polytechnic University research team.



■ Recent academic publications

The daily management staff of ITMMA continues to publish widely in academic journals, books and conference proceedings. Papers published recently include:

Notteboom, T., 2006, The time factor in liner shipping services, *Maritime Economics & Logistics*, 8 (1), 19-39

Crujssens, F. and W. Dullaert, 2006, Scared or careful? A comparative analysis of Dutch and Flemish LSPs' attitudes towards horizontal cooperation [in Dutch], *Tijdschrift Vervoerswetenschap*, 42(1), p. 2-7.

Raa, B., Aghezzaf, E.-H. and W. Dullaert, 2006, Cyclic delivery scheduling in a VMI framework, *Proceedings of the International Conference on Information Systems, Logistics and Supply Chain 2006*, May 15-17, Lyon, France.

Yap, W.Y., Lam, J.S.L., Notteboom, T., 2006, Developments in container port competition in East-Asia, *Transport Reviews*, 26(2), p. 167-188

Verstrepren, S., Cools, M., Crujssens, F. and W. Dullaert, 2005, A framework for horizontal cooperation in logistics. *Proceedings of the International Conference on Information Systems, Logistics and Supply Chain 2006*, May 15-17, Lyon, France.

Sitompul, C., Figueiras, E.S.F., Aghezzaf, E.-H., Chen, H. and W. Dullaert, 2006, A Preliminary Study on Safety Stock Placement in Supply Chains Under Capacity Constraints. *Incom 2006, 12th IFAC Symposium on Information Control Systems in Manufacturing*, 17-19 May.

Notteboom, T., 2006, Traffic inequality in seaport systems revisited, *Journal of Transport Geography*, 14 (2), p. 95-108

Notteboom, T., 2006, Container barge networks in Europe: outgrowing the Rhine Basin, in: Olivella, J., Marcet, R., Garcia, V., *Maritime Transport III*, Museu Maritim (Barcelona), ISBN 84-689-8505-8, p. 277-295

Notteboom, T., 2006, Expert report on road pricing, in: *Paying for infrastructure: a social debate*, Social Economic Council of Flanders (SERV), Brussels, p. 197-208 (in Dutch)

Raa, B. and W. Dullaert, 2006, A new start with a cyclic distribution strategy, *Proceedings of the Third International Workshop on Freight Transportation and Logistics*, Altea (Spain), May 23-26, 2006.

Reniers Genserik, Dullaert Wout, Ale B.J.M., Soudan Karel, Verschueren F., 2006, Evaluating safety critical staffing arrangements in the CPI. *Antwerp: UA*, 21 p. (Research paper / UA, Faculty of Applied Economics; 2006:13)

Notteboom, T., 2006, Container shipping and new port hierarchies in Europe: an update, *IAME2006 Conference*, Melbourne, 12-14 July 2006 (proceedings online)

Notteboom, T., 2006, The expansion of Chinese container ports and its impact on port competition in East-Asia, *Mededelingen der Zittingen Koninklijke Academie van Overzeese Wetenschappen*, 51 (2), p. 153-162

Notteboom, T., 2006, Gateway ports in the Rhine-Scheldt Delta: complements or substitutes in liner shipping networks ?, session 'Gateway Cities: Materials, People and the Flows of Globalization', *AAG 2005 Annual Meeting*, American Association of Geographers, Chicago, 7-11 March 2006, 19 p.

Blauwens, G., Vandaele, N., van de Voorde, E., Vernimmen, B., Witlox F., 2006, Towards a modal shift in freight transport? A business logistics analysis of some policy measures, *Transport reviews*, 26(2), p. 239-251

Reniers Genserik, Dullaert Wout, Soudan Karel, 2006, Innovative software for preventing knock-on effects in the chemical process industry, *Proceedings of the 20th Belgian National Operations Research Conference ORBEL*, Ghent, Belgium 19-20 January 2006, Ghent.

■ ITMMA and the petrochemical industry

ITMMA has developed a close working relationship with the European Petrochemical Association (www.epca.be) and the European Petrochemical Transport Association (www.etca.be). Last year Dr. Wout Dullaert participated in the EPCA-Cefic working groups to unlock the benefits of supply chain cooperation to maximize performance in the chemical industry. On May 30th, 2006, he participated in the ECTA Academy Day with a lecture on the benefits and impediments to increased horizontal cooperation in the logistics industry.

The main findings of his empirical research are that for horizontal cooperation the main hurdles were the selection of the partner with whom to cooperate, the choice of the leading partner within the cooperation structure and the cost/profit sharing between partners in the horizontal cooperation.

During the presentation also industry specific impediments hampering horizontal cooperation, such as strict customer requirements, were discussed. A management summary is freely available at <http://www.ecta.be/meetings/2006/last/>.

■ Delegation from Vietnam & the Philippines

From 15-19 February 2006 a delegation of 16 staff members of intermediary organizations and enterprises from the Philippines and Vietnam visited Belgium. The visit was organized within the framework of a project co-financed by



the European Commission via its ASIA-INVEST programme. On February 16, Bert Vernimmen presented ITMMA to the delegation members, through his lecture on 'Challenges for management education in the maritime industry - the ITMMA case'.

■ The ITMMA research team expands

Christophe Theys joined the ITMMA research team on September 1, 2006. He will mainly work on a port-related project commissioned by a major bank. Christophe has a business degree from the Catholic University of Leuven and a M.Sc. Degree from ITMMA.

Ms. Jie Wu will take up the position as research assistant from 1 October 2006 onwards. Before joining ITMMA, she was an assistant at the Department of Transport and Regional Economics of the Faculty of Applied Economics of the University of Antwerp. She also worked as lecturer in logistics at the Shenyang Institute of Aeronautical Engineering in China.

■ ITMMA staff takes up new challenges

Dr. Theo Notteboom has been elected member of the Council of the International Association of Maritime Economists (IAME). The election was held during the IAME Annual Conference in Melbourne. The appointment is for two years.

Prof. Dr. Willy Winkelmanns will remain chairman of the Flemish Ports Commission till 2008. Given the key role of Flemish ports within the economy, the Flemish Government established the Flemish Ports Commission in 1989. The Commission contributes to the preparation of the Flemish port policy.

Last June, Dr. Theo Notteboom was appointed visiting professor at Dalian Maritime University. The University of Antwerp and Dalian Maritime University signed a co-operation agreement in 2003. Two working programs between ITMMA and DMU followed this agreement.

Prof. Winkelmanns has been nominated as member of the Board of Directors of BIG (the Dutch Association of Pipelines and Industry)

■ ITMMA at events in Belgium and abroad

You could have met ITMMA team professors as speakers or (session) chairs at the following events:

- Annual conference of the Association of American Geographers, Chicago, 7-11 March 2006.

- IAPH Regional Meeting Africa/Europe, Riga, 1-3 March 2006.
- First port lunch, Antwerp, 17 March 2006.
- Roro Conference & Exhibition, Ghent, 16-17 May 2006.
- Conference Maritime Transport III - Barcelona, 16-19 May 2006.
- International Conference on Information Systems, Logistics and Supply Chain 2006, May 15-17, Lyon, France.
- Incom 2006, 12th IFAC Symposium on Information Control Systems in Manufacturing, 17-19 May.
- Third International Workshop on Freight Transportation and Logistics, Altea (Spain), May 23-26, 2006.
- 3rd Annual Conference of ESPO, Stockholm, 1-2 June 2006.
- Seminar 'Port operations and management' of APEC, June 2006.
- IAME 2006 conference, Melbourne, Australia, July 12-14, 2006.

■ Alumni news

Haris Khan (Pakistan, MTMM class of 2002-2003) has taken up a position as Transport Consultant at The World Bank. Before he worked at the Government of Pakistan.

Laurentiu Mironescu (Romania, MTMM class of 2001-2002), former Director-General of the port of Constantza, is now a Member of Parliament in Romania.

Carlos Venegas Aravena (Chile, MTMM class of 2004-2005) has taken up the position of Logistics Consultant at Empresa Nacional del Petroleo (ENAP) in Santiago, Chile.

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Responsible Editor – Prof. Dr. Willy Winkelmanns

ITMMA's activities include

- Master and postgraduates programs
- Short-term specialized courses
- Research and consultancy
- Events and conferences

Contact details:

ITMMA House
Keizerstraat 64, B-2000 Antwerp (Belgium)
Tel: +32 3 275.51.51 / +32 3 275.51.52
Fax: +32 3 275.51.50
E-mail: itmma@ua.ac.be

www.itmma.ua.ac.be

