

# EIWN 2014 Conference Programme

10<sup>th</sup> September, 2014., Wednesday

9:00 – 10:00 Registration  
Coffee

## Opening Session

10:00 – 10:30 dr. Zsolt Becsey - Deputy State Secretary, Ministry of National Development NFM  
Petar Margic - Secretariat of Danube Commission / Co-Patron of the Conference

## Morning Session

Chairman: Botond Szalma

10:30 – 11:00 Activities of the Danube Commission  
Petar Margic - Secretariat of Danube Commission

11:00 – 11:20 Water resource management in Hungary  
Márton Pesel - OVF

11:20 – 11:40 Sustainable waterway planning on the Hungarian section of the Danube  
István Ijjas – Budapest University of Technology and Economics

11:40 – 12:00 How to tailor a riverside weather monitoring system for the needs of a certain inland waterway reach? – a methodological study  
Szilárd Sárközi - Meteorology expert, member of the EU RIS NtS Expert Group – Delayed

12:00 – 12:20 Harmonization of IWT qualifications from Hungarian point of view  
Csaba Bellyei – National Transport Authority, Hungary

12:20 – 12:40 Danube School Ship and Danube Navigation Simulator Concepts in HINT project  
Csaba L. Hargitai - Budapest University of Technology and Economics

12:40 – 13.50 Lunch

## Afternoon Session

Chairman: Győző Simongáti Dr.

13.50 – 14.00 Hans van der Werf - Central Commission for the Navigation of the Rhine / Co-Patron of the Conference (welcome speech)

14:00 – 14:20 Potential of using IWT for the distribution of new passenger cars in Europe  
Heimo Pascher - Fraunhofer Austria Research GmbH

14:20 – 14:40 Promising hydrodynamic improvements for inland vessels  
Karola van der Meij – Maritime Research Institute Netherlands (MARIN)

14:40 – 15:00 Further optimization of inland ships: review of state-of-the-art design methods  
Erik Rotteveel - Delft University of Technology - 3mE Faculty

15:00 – 15:20 Development of inland navigation activities go with better vessels  
Jean-Michel Chatelier - BV MARINE BELGIUM & LUXEMBOURG N.V.

15:20 – 15:40 Coffee Break

15:40 – 16:00 Education, Scientific Research, Practical Shipbuilding  
Milorad Motok – University of Belgrade, Faculty of Mechanical Engineering

16:00 – 16:20 A Proposal for Standard Manoeuvres and Parameters for the evaluation of Inland Ship Manoeuvrability  
Jialun Liu – TU Delft

16:20 – 16:40 Simulation model of Danube pusher maneuverability in deep and shallow waterways  
Evgeni Milanov - Bulgarian Ship Hydrodynamics Centre

16:40 – 17:00 E-Type self-propelled vessel: a novel concept for the Danube  
Igor Backalov - University of Belgrade, Faculty of Mechanical Engineering

17:00 – 17:20 Contribution of channel lighting to the safety of navigation  
Dick ten Hove - Maritime Research Institute Netherlands (MARIN)

## Evening program

18:30 – 19:45 Sightseeing tour in Budapest by bus (Departure from the hotel)

20:00 – Dinner at the hotel

# EIWN 2014 Conference Programme

11<sup>th</sup> September, 2014., Thursday

<i>Morning Session</i>		<i>Chairman: Béla Szalma</i>
9:00 – 9:20	LNG Masterplan - Creating a new LNG artery for Europe Ruxandra Florescu - Pro Danube Management GmbH	
9:20 – 9:40	Use of Natural Gas as Marine Fuel on the Danube Dr. Bruce Hall – SeaOne Holdings, LLC	
9:40 – 10:00	Opportunities and challenges in splitting to the LNG fuel in the EU IWWs Henrik Domanovszky – president of MGKKE	
10:00 – 10:20	DUNAPROMO experiences in HINT project Gergely Mező - RSOE	
10:20 – 10:40	CoVadem: cooperative data solutions for IWT Meeuwis van Wirdum - Maritime Research Institute Netherlands (MARIN)	
10:40 – 11:00	Coffee Break	
11:00 – 11:20	NEWADA DUO - Transnational cooperation for the danube navigation Barbara Kéri - via donau -Österreichische Wasserstrassen-Gesellschaft mbH	
11:20 – 11:40	Implementation of a Harmonised Danube Ship Waste System Hans Berger - via donau -Österreichische Wasserstrassen-Gesellschaft mbH	
11:40 – 12:00	Research project “The Innovative Danube Vessel” Thomas Guesnet - DST Duisburg	
12:00 – 12:20	Stimulating Innovation in Inland Waterway Navigation - The Ecorace-Challenge Project Noesjka Ceuppens - KU Leuven - GROUP T	
12:20 – 12:40	tRHINEco: from logistic chain to design considerations for an inland container vessel Wytze de Boer - Maritime Research Institute Netherlands (MARIN)	
12:40 – 13:00	Eco-friendly Danubian multifunction ship for touristic applications Sanja Zoric Bandula - Marina studio d.o.o.	
13:00 – 14:20	Lunch	
<i>Afternoon Session – Final Event of MoVe IT! project</i>		<i>Chairman: Meeuwis van Wirdum</i>
14:20 – 14:40	Intro of MoVe IT! project Meeuwis van Wirdum - Maritime Research Institute Netherlands (MARIN)	
14:40 – 15:00	WP1 – Performance Measurements of European Inland Ships Karola van der Meij, Milinko Godjevac – MARIN, TU Delft	
15:00 – 15:20	WP3 – EconomyPlanner optimal use of inland waterways Arno Bons - Maritime Research Institute Netherlands (MARIN)	
15:20 – 15:40	WP5 – Development of novel structures for the retrofit of inland navigation vessels Lars Molter - Center of Maritime Technologies e.V.	
15:40 – 16:00	Coffee Break	
16:00 – 16:20	WP6 – Extending the life of a ship by extending her length: Technical and economic assessment of lengthening of inland vessels Igor Backalov - University of Belgrade, Faculty of Mechanical Engineering	
16:20 – 16:40	WP7-1 – Retrofit solutions for inland ships: the MoVe IT! approach Robert Hekkenberg, Cornel Thill – TU Delft, DST	
16:40 – 17:00	WP7-2, WP7-3 – Environmental and economic analysis of the five MoVe IT! Vessels Juha Schweighofer, Johan Gille – via donau, Ecorys	
17.00 – 17.20	Guidelines on Modernisation of Inland Ships Cornel Thill - DST	
20:00	<i>Official Conference Dinner</i>	

# EIWN 2014 Conference Programme

12<sup>th</sup> September, 2014., Friday

<i>Morning Session</i>		<i>Chairman: Róbert Rafael</i>
9:00 – 9:20	Vessel Traffic Management Centres of the Future, a TEN-T RIS-project Paul Penders - Ministry of Infrastructure and the Environment, Rijkswaterstaat, WVL	
9:20 – 9:40	Corridor management on Inland Waterways in Europe Anneke Bosma - Rijkswaterstaat	
9:40 – 10:00	Inland Waterway Transport in Logistics Education in Europe Lisa-Maria Putz - University of Applied Sciences Upper Austria	
10:00 – 10:20	Introducing “TRIUMPH II”: Concept of an Intelligent Communication Hub for Multimodal Transport Chains Oliver Schauer - University of Applied Sciences Upper Austria	
10:20 – 10:40	Parameter of transport efficiency as a criterion for choosing the optimal size of convoy of barges for the work of the push boat Ivan Shkiljaica - Faculty of Technical Sciences, Novi Sad	
10:40 – 11:00	Coffee break	
11:00 – 11:20	New pusher concept in the actual context of Danube Alexandru Chirica - SHIP DESIGN GROUP Galati	
11:20 – 11:40	A building cost estimation method for inland ships Robert Hekkenberg - Delft University of Technology	
11:40 – 12:00	IWT Innovation Lab Khalid Tachi - EICB	
12:00 – 12:20	Assessment tool waterway transportation of passengers in the Amazon region Hito Moraes - Federal University of Para	
12:20 – 12:40	Studying Nexus between Green Technology Fuelling and Inland Waterways : Upshoots in Diminuting Carbon emissions and conserving Non Renewable fuels Garima Sharma, Shantanu - Indian Maritime University - <b>Cancelled</b>	
12:20 – 12:40	Development of shallow water maneuvering mathematical model of a large tanker using steady RANS solver Om Prakash Sha - IIT Kharagpur	
12.40 – 13.00	How to tailor a riverside weather monitoring system for the needs of a certain inland waterway reach? – a methodological study Szilárd Sárközi - Meteorology expert, member of the EU RIS NtS Expert Group	
13:00 – 13:20	Closing ceremony	
13:40 –	Lunch	