

5th EUROPEAN INLAND WATERWAY NAVIGATION CONFERENCE

Visegrád, 27–29. June 2007. , Thermal Hotel Visegrád

Programme

27th of June 2007, Wednesday

8³⁰ – 9⁰⁰ Registration

9⁰⁰ – 9³⁰ **Opening ceremony**

9³⁰ – 9⁴⁵ Coffee break

Morning session

9⁴⁵ – 12³⁰ **Block 1 - Navigability of the Danube river**
Tamás **MARTON**
Sustainable development and the water transport
Péter **BAKONYI**
Hydraulic modelling and morphological investigation in the frame of the TEN-T project
István **KRÁNICZ**
Potentials and limits of river regulation
Anett **KÁROLY**
Relationship between navigation and tourism
Tamás **RÁCZ**
Demands and prospects of ecologic rehabilitation of side arms systems of the Hungarian Danube section in parallel with EU TEN navigation developments

Bernd **KORTSCHAK**
The improvement of the navigability at Straubing-Vilshofen

12³⁰ – 12⁵⁰ Discussion

13⁰⁰ – 14⁰⁰ Lunch

27th of June 2007, Wednesday

Ship design and technical session

14⁰⁰ – 16³⁰ Dr. Evgeni **MILANOV**, Konstantin **KAPINCHEV**:
Inland Vessel Manoeuvres Simulation System - Problems, Structure and Implementation

Zoran **LAJIC**, Antonio **LEO**, Antonio **TIANO**:
Improving inland vessels steering characteristics using monitoring and prediction system

R. G. **HEKKENBERG**, A.C. **STEENBRINK**, J. van **VUGT**, C. **THILL**, P. van der **ZANDEN**:
A strategy towards increased innovation in inland ship design

Alexander **LUTZ**, E. D. **GILLES**:
Automatic collision avoidance on Rivers based on dynamic optimization

J.D. **STROO**, R.G **HEKKENBERG**:
Development of next generation chemical tankers

Shipping and waterway infrastructure session

14⁰⁰ – 16³⁰ Aleksandar **RADONJIC**, Danijela **PJEVCEVIC**:
A DEA method for measurement of river-sea container transportation effectiveness in Serbia Near East trade

P. **VERLINDEN**, G. Vanden **BERGHE**:
RIS and multi modal transport

Ernő **PETŐ**:
The significance of inland shipping in the Port of Rotterdam

Edgar **MARTIN**:
Developing an international inland and maritime port facility for the Republic of Moldova

Dániel **HADHÁZI**, Győző **SIMONGÁTI**, Csaba **HARGITAI**:
2D simulation of inland vessel manoeuvrings

17⁰⁰ – Excursion to Esztergom; Dinner

28th of June 2007, Thursday

Morning session

9⁰⁰ – 9³⁰ **Invited lecturer:**
Mr. Botond Szalma (Plimsoll Ltd., Hungary)

9³⁰ – 10¹⁵ David V. **GRIER**:
Funding the Modernization of the U.S. Inland Waterway System

Dr. M. **SANDLER**, Dr. T. **GERN**, Dr. R. **ZIMMERMANN**:
Advanced aids to navigation for inland ships

10¹⁵ – 10³⁰ Coffee break

10³⁰–12³⁰ **Block 2 – Results of CREATING project**
Introduction of the results and recommendations of CREATING project by the
work package leaders

12³⁰– 12⁵⁰ Discussion

13⁰⁰– 14⁰⁰ Lunch

Ship design and technical session

14⁰⁰ – 16³⁰ **Block 3 – Workshop of PIANC Austria**
Coordinator: Mr. Reinhard Pfliegl

Shipping and waterway infrastructure session

14⁰⁰ – 16³⁰ Capt. Béla **SZALMA** (Plimsoll Ltd.)

M. ORAC, V. SENICIC:

Impact of solar energy along the Serbian section of river Danube

M. SAMBOLEK, R. NOVOSAD:

Model Testing of Entry and Exit Manoeuvre of Push and Tow Vessel
Combinations into the Danube – Sava Canal

Aleksander **RADONJIC**, Ph.D. Zlatko **HRLE**, Ph.D. Zoran **AVRAMOVIC:**
New Location Based System Built Upon Geographic Information System

Ing. Juraj **CZIFFRA**, Dr. Ing. Koloman **VINCZE:**

Automated production system controlled by fuzzy logic

17⁰⁰ – Sightseeing in Visegrád; Matthias Rex Palace and Museum; Dinner

29th of June 2007, Friday

Morning session

9⁰⁰– 9³⁰ G. Krpanec, K. Ziha, B. Ljubenkov:

Foundation of the Croatian Inner-Water Shipbuilding and Shipping Cluster

9³⁰ – 9⁴⁵ Coffee break

9⁴⁵–12⁰⁰

Block 4 – IRIS – Implementation of RIS in Europe

State of art of implementation of RIS in those European countries, where inland navigation has important role in the transport economy.

Coordinator: Mr. Mario Sattler

Andreas **BÄCK** (via donau, Austria):

RIS implementation in the Danube region and coordinated project initiatives for Implementation of RIS in Europe

Róbert **RAFAEL**, Csaba **KOVÁCS**, Gergely **MEZŐ** (RSOE, Hungary):

Present RIS initiatives in Hungary

Cas **WILLEMS** (AVV, Netherlands):

Interconnectivity of RIS with Systems for Maritime Navigation - towards cooperative eNavigation

Mario **SATTLER** (via donau, Austria):

Value added River Information Services for commercial users in inland navigation

12⁰⁰

Closing ceremony