

## 2<sup>nd</sup> EUROPEAN INLAND WATERWAY NAVIGATION CONFERENCE

Budapest, 13–15. June 2001. , Hotel Griff

### Programme

#### 13<sup>th</sup> of June 2001, Wednesday, Hotel Griff

8<sup>30</sup> – 9<sup>00</sup> Registration

9<sup>15</sup> – 10<sup>00</sup> Opening ceremony  
Hotel Griff – Emerald Room

**Capt. Danail NEDIALKOV**, General Director of Danube Commission, as the main patron of the Conference greets the participants.

**Representatives** of Ministry of Transport and Water Management of Hungary, Ministry of Agriculture and Regional Development of Hungary and Ministry of Economic Affairs of Hungary greets the Conference.

10<sup>00</sup> – 10<sup>20</sup> Coffee break  
**Plenary session**  
Hotel Griff – Emerald Room  
**Chairman:**

10<sup>20</sup> – 10<sup>40</sup> **Viatcheslav NOVIKOV**  
United Nations Economic Commission for Europe  
**Towards a transparent and integrated Pan–European inland navigation system**

10<sup>40</sup> – 11<sup>00</sup> **Dr. István VALKÁR**  
Ministry of Transport and Water Management, Shipping Department  
**Integration of the Danube shipping into the European transport market**

11<sup>00</sup> – 11<sup>20</sup> Coffee break

11<sup>20</sup> – 11<sup>40</sup> **Edgar MARTIN**  
Napier University Business School, Edinburgh, Scotland, UK  
**Effects of the Novi Sad blockage of the River Danube on river ports**

11<sup>40</sup> – 12<sup>00</sup> **Dr. Ing. Jean MARCHAL – Dr. Z. ZHANG**  
Dept. ANAST, University of Liege, Belgium  
**Waterway transportation and its sustainable development -Market and Strategy Analysis of Belgian Case**

12<sup>00</sup> – 12<sup>30</sup> Discussion

12<sup>30</sup> – 14<sup>00</sup> Lunch

**Economical, legal and transportation session**

Hotel Griff – Emerald Room

**Chairman:**

- 14<sup>00</sup> – 14<sup>20</sup> **ir. C. DIRKSE**  
Delft University of Technology, The Netherlands  
**REBIS – a PC based tool for the exploitation of inland ships**
- 14<sup>20</sup> – 14<sup>40</sup> **Diana KISHEVA**  
BHSC, Varna, Bulgaria  
**Contemporary concepts in development of European inland transportation and their reflection in Bulgarian river transport**
- 14<sup>40</sup> – 15<sup>00</sup> Coffee break
- 15<sup>00</sup> – 15<sup>20</sup> **Dr. Andreas MATHEJA – C. ZIMMERMANN – Magaly LARNOULD – M. MIKSA – M. BERNARD**  
Franzius-Institute for Hydraulic, Waterways and Coastal Engineering, University of Hannover, Germany  
**BIDIS – A workflow management system for inland terminals**
- 15<sup>20</sup> – 15<sup>40</sup> **Dr. Ferenc OLÁH – Ferenc KRUPPA – Gábor HORVÁTH**  
Széchenyi István College, Győr, Hungary  
**Utilization possibilities of telematics in inland navigation**
- 15<sup>40</sup> – 16<sup>00</sup> Discussion

**Shipping and shipbuilding session**

Hotel Griff – Sapphire Room

**Chairman:**

- 14<sup>00</sup> – 14<sup>20</sup> **Todor BACKALIc Ph.D. – Vladimir ŠKILJAICA, Ph.D.**  
Faculty of Technical Sciences, University of Novi Sad, Yugoslavia  
**Modelling of vessel traffic process at free navigation on artificial inland waterways**
- 14<sup>20</sup> – 14<sup>40</sup> **Prof. Dr.–Ing. habil H. J. SCHLÜTER – Mrs. Daniela SHALA**  
Institute of Ship Technology, Gerhard Mercator University, Duisburg, Germany  
**Investigations into the Collapse behaviour of inland vessels**
- 14<sup>40</sup> – 15<sup>00</sup> **Academician Branislav BILEN – Zoran LAJIC**  
Institute of Technical Sciences of the Serbian Academy of Sciences and Arts, Yugoslavia  
**Diesel–electric drive at pushboats with hybrid manoeuvring propulsive complex**
- 15<sup>00</sup> – 15<sup>20</sup> Coffee break
- 15<sup>20</sup> – 15<sup>40</sup> **Prof. Igor ZOTTI**  
University of Trieste, Italy  
**Preliminary design of a fast container vessel for coastal navigation in Mediterranean areas**

15<sup>40</sup> – 16<sup>00</sup> **Vladimir ŠKILJAICA, Ph.D. – Todor BAČKALIĆ Ph.D.**  
University of Novi Sad, Yugoslavia  
**The analysis of working parameters during exploitation of motor push-  
boats of the P-1000 series**

16<sup>20</sup> – 16<sup>40</sup> Discussion

17<sup>40</sup> – **Excursion to Visegrád. Dinner**

## **14<sup>th</sup> of June 2001, Thursday, Hotel Griff**

### **Plenary session**

Hotel Griff – Emerald Room

#### **Chairman:**

9<sup>00</sup> – 9<sup>20</sup> **Dr. Reinhard PFLIEGEL**  
Via-Donau, Donau Transport Entwicklungsges m.b.H., Austria  
**Concepts and implementation of a RIS center in Austria**

9<sup>20</sup> – 9<sup>40</sup> **Mag. Reinhold DEUßNER**  
Austrian Institute for Regional Studies and Spatial Planning, Austria  
**Modelling intermodal transport chains. The Danube region transport model  
and its results.**

9<sup>40</sup> – 10<sup>00</sup> **László SOMLÓVÁRI**  
MAHART Hungarian Shipping Company, Managing director  
**The main factors of the Hungarian inland-water transport business branch**

10<sup>00</sup> – 10<sup>20</sup> **Dr. Ernő PÁL**  
Institute for Transport Sciences, Hungary  
**The inland navigation within the Hungarian transport policy**

10<sup>20</sup> – 10<sup>40</sup> Coffee break

10<sup>40</sup> – 11<sup>00</sup> **Béla SZALMA**  
Dunaferr Portolan Ltd., Hungary  
**Grain logistic and carriage by shipping**

11<sup>00</sup> – 11<sup>20</sup> **Mrs. Mr. Theresia HACKSTEINER**  
International Association of Rhine Ships Registers (IVR)  
**Developments in the legal field of harmonisation/unification in inland  
navigation**

11<sup>20</sup> – 11<sup>40</sup> **Ir. L. KUITERS – Dr. S. AL-HILLI**  
AVV, Transport Research Centre and Affinity & Associates  
**Shipping Transport Information System (STIS), The implementation of RIS  
in the Netherlands**

11<sup>40</sup>– 12<sup>00</sup> **Botond SZALMA**

**Hungarian shipping is often sick but never dies**

12<sup>00</sup>– 12<sup>30</sup> Discussion

12<sup>00</sup>– 14<sup>00</sup> Lunch

**Economical, legal and transportation session**

Hotel Griff – Emerald Room

**Chairman:**

14<sup>00</sup>– 14<sup>20</sup> **Mrs. Prof. Katalin TÁNCZOS D.Sc. – László DUMA, M.Sc. – Péter RÓNAI M.Sc.**

Department of Transport Economy, Budapest University of Technology and Economics, Hungary

**External costs and benefits of waterborne freight transport in Europe**

14<sup>20</sup>– 14<sup>40</sup> **C.P.M. WILLEMS**

Ministry of Transport, Public Works and Water Management, Transport Research Center, The Netherlands (AVV)

**From INDRIS to COMPRIS**

14<sup>40</sup>– 15<sup>00</sup> Coffee break

15<sup>00</sup>– 15<sup>20</sup> **Dr. Andreas MATHEJA –C. ZIMMERMANN –Magaly LARNOULD –M. MIKSA – M. BERNARD**

University of Hannover, Germany

**WABIS – An information and operating system for inland waterways**

15<sup>20</sup>– 15<sup>40</sup> Discussion

**Shipping and shipbuilding session**

Hotel Griff – Sapphire Room

**Chairman:**

14<sup>00</sup>– 14<sup>20</sup> **Dr. Yide SHEN and Jean MARCHAL**

ANAST, Department of Naval Architecture and Transport System Analysis  
University of Liege, Belgium

**An empirical estimation of the ship resistance in shallow water and in restricted waterway**

14<sup>20</sup>– 14<sup>40</sup> **Jingyu ZHOU**

Ship Academic Institute of Fujian Province, the People's Republic of China

**Study on vacuum tunnel boat for the ultra-shallow water**

14<sup>40</sup>– 15<sup>00</sup> Coffee break

15<sup>40</sup> – 15<sup>20</sup> **Dr. Zoran NIKOLIC – Academician Branislav BILEN**  
Institute of Technical Sciences of the Serbian Academy of Sciences and Arts,  
Yugoslavia  
**Electric propulsion of the rebuilt paddle wheel ship "Krjina"**

15<sup>20</sup> – 15<sup>40</sup> **Gábor HORVÁTH – Dr. Kálmán VINCZE**  
Széchenyi István College, Győr, Hungary  
**Economic calibration for slurry pipelines of hydraulic floating machines**

15<sup>40</sup> – 16<sup>00</sup> Discussion

16<sup>45</sup> – **Excursion to Lajosmizse. Dinner**

## **15<sup>th</sup> of June 2001, Friday, Hotel Griff**

### **Plenary session**

Hotel Griff – Emerald Room

#### **Chairman:**

9<sup>00</sup> – 9<sup>20</sup> **Prof. Tadeusz JASTRZEBSKI – Thomas GUESNET – Albrecht DELIUS**  
Technical University of Szczecin, Poland, VBD, Duisburg, Germany, and  
SCHIFFKO, Hamburg, Germany  
**New European research project "INBAT" starts in 2001**

9<sup>20</sup> – 9<sup>40</sup> **A. DRIESCHER – L. SAEZ – E.D. GILLES**  
MPI Magdeburg, Germany  
**Inland–ECDIS chart validation and correction using RADAR image  
processing technics**

9<sup>40</sup> – 10<sup>00</sup> **Pekka KOSKINEN**  
Oy EDI Management Finland Ltd.  
**A special focus on forest industry and European inland waterway ports**

10<sup>00</sup> – 10<sup>20</sup> **René VISSER – Sàad Al-HILLI**  
Ministry of Transport, Public Works and Water Management, The Netherlands  
and Affinity & Associates  
**IRAS (IncoRporate spatial Analysis in Shipping)**

10<sup>20</sup> – 10<sup>40</sup> **Dániel HADHÁZI**  
Budapest University of Technology and Economics, Department of Aircraft and  
Ships, Hungary  
**Collection of ship–borne oily waters and wastes on River Danube**

10<sup>40</sup> – 11<sup>00</sup> Discussion  
11<sup>00</sup> – 11<sup>20</sup> Coffee break

### **Closing ceremony**

12<sup>00</sup> – **Lunch**