

August 2006

Topics:

**UEEIV-Symposium in Brussels
UEEIV-Events 2006**

**UEEIV-Seminar in Durres
iaf 2006 in Munster**

- Meeting with the supporting members
- Award of EURAIL-ING-Certificates

**Transrapid-Symposium in
Brussels**

**Technical excursion to Vienna,
April 2007**

Invitation to the Symposium

**„New Trends and Models of Financing
TRANS-PAN-European Rail Networks”
on 28th September 2006 in Brussels**

Sponsoring by

Plasser & Theurer

 **HEITKAMP**
R A I L

The Union of European Railway Engineer Associations – UEEIV and the Belgian member association UNION ROYALE PROFESSIONELLE DES INGÉNIEURS CIVILS BELGES DES CHEMINS DE FER – URPIC –

invite you cordially to this Symposium.

We would like to welcome you together with the transport and rail Top-Managers, the railway companies the railway industry and the bank institutions.

Please send us the application form until 10th September 2006 at the latest.

Frankfurt a.M. / Brussels, July 2006

Heinrich Salzmann
President UEEIV

Ivan Thielemans
President URPIC

General information:

Fee:

Railways, industry, associations € 120,-- per person
Participants from Eastern Europe, members of UEEIV € 75,-- per person

Please pay to the account 952 770, Sparda-Bank Hessen eG, BLZ 500 905 00
IBAN DE 10500905000000952770 BIC GENODEF1S12
until 14th September 2006

Simultaneous translation:

Lectures and round-table-discussion will be translated simultaneously in English, French and German

Application:

Please use the attached application form and send it latest until 10th September to UEEIV.

PROGRAM:

„New Trends and Models of Financing
TRANS-PAN-European Networks”
Venue: Salle Claeys SNCB, 85, rue de France, B – 1060 Brussels

Welcome in the Foyer

- 10.00 a.m. Welcome: **Director Heinrich Salzmänn**, President of UEEIV
- 10.15 a.m. **Zoltan Kazatsay**, Vice General-Director of the General-Directorate Energy and Traffic (TREN) of the EUROPEAN COMMISSION, Brussels
„ Strategy for the TEN- and PAN- Railway Corridors ”
- 10.30 a.m. **Dr. Johannes Ludewig**, Executive Director CER, Brussels
„ Suggestions and possibilities from the perspective of CER “
- 10.45 a.m. **Dr. Gunther Ellwanger**, former Director High Speed, UIC, Paris
„ Perspectives of the European High Speed Traffic ”
- 11.00 a.m. **Jean-Marie Raviart**, General Manager Infrastructure SNCB, Brussels
„ Financing of the Regional Express Net of Brussels “
- 11.15 a.m. **Ignacio Barron de Angoiti**, Chargé de Mission Grande Vitesse UIC, Paris
„ Financement of High Speed Lines in Europe – Some original ideas “
- 11.30 a.m. **Wolfgang Roth**, Vice-President of EIB (European Investment Bank), Luxembourg
„ The role of EIB “
- 11.45 a.m. **Drewin Nieuwenhuis**, General Director of UNIFE, Brussels
„ Impact of the TEN-T development & rail supply industry contribution ”
- 12.00 *Lunch*
- 2.00 p.m. **Ricardo Puliti**, Director of Transport of European Bank of Reconstruction and Development (EBRD/BERD), London (requested)
„ The role of EBRD “
- 2.15 p.m. **Dr. Heiner Bente**, General Manager BSL Management Consultants, Hamburg
„ The costs of interoperability in Europe ”
- 2.30 p.m. **Michael Robson**, General Secretary European Rail Infrastructure Managers – EIM, Brussels
„ Contribution of EIM for the TEN- and PAN-Topic “
- 2.45 p.m. **Prof. Dr.-Ing. Peter Jehle**, Technical University Dresden
„ Maglev – Transrapid in Europe ”
- 3.00 p.m. **Roundtable-Discussion** with the speakers
Chairman: Director Heinrich Salzmänn, President of UEEIV
- Discussion, conclusion of the event approx. 4.15 pm

UEEIV-Veranstaltungen im Jahr 2006 und Vorschau 2007

Datum	Ort	Veranstaltung
23 and 24 March 2006	Opatija Kroatien	UEEIV - ITHZ-Seminar „Modernisation of Croatian railways“
31 March 2006	Milano Italy University Milano	CIFI - Event Lecture Certification EURAIL-ING Reto Danuser, Advisor UEEIV
09 May 2006	Warsaw Poland	1st Meeting of the Presidency
10 and 11 May 2006	Warsaw Poland	UEEIV-SITK-Seminar „New and modernised railway connections in Poland“
25 and 26 May 2006	Durres Albania	UEEIV-SIH-Seminar „Renewal and modernisation of the Albanian railway network“
31 May 2006	Munster Germany	Meeting of the supporting members /Board of advisors UEEIV in the context of iaf in Münster „Invitation of tender and placing of infrastructural projects in the acceding countries“; Dipl.-Ing. Ullrich Weiss, Leonhard Weiss GmbH & Co. KG
27 June 2006	Brussels / Belgium	VDEI - UEEIV-Symposium „Transrapid in Europe—Necessity and Promotion“
27 September 2006	Brussels Belgien	Meeting of the Board and 2nd Meeting of the Presidency
28 September 2006	Brüssel Belgien	Symposium Brussels „New Trends and Models of Financing TRANS-PAN-European Networks“
08 October 2006 09 and 10 October 2006	Tarnovo/ Bulgaria	3rd Meeting of the Presidency UEEIV-WTVV-NGSRTE-Seminar „Infrastructure, technology and travel comfort for the railway transport of passengers in Bulgaria“
08 November 2006 09 and 10 November 2006	Athen/Greece	4th Meeting of the Presidency UEEIV-SEMS-Seminar „Modernization of the Railway in Greece“

Preview 2007

April 2007	Vienna Austria	2-days excursion „Visitation of Technical Infrastructure projects“
24 October 2007	Strassbourg France	UEEIV— General Meeting
25 and 26 October 2007	Strassbourg France	AFFI-VDEI-Seminar, partonat of UEEIV „High Speed Line Paris—Strassbourg after inauguration“

UEEIV - SIH - Seminar in Durres / Albania at 25th and 26th May 2006

An international railway-industry seminar with about 100 participants has been held again after three years at the 25th and 26th of May 2006 in Durres/Albania, the seat of the General Directorate of the Albanian Railway HSh. Organizer has been the Union of European Railway Engineer Associations – UEEIV -, the Albanian Railway Engineer Association SIH and HSh. Albania is roughly as big as Baden-Württemberg and is connected with the railway transport of goods via links through Montenegro and the Kosovo with all of Europe. The participants were welcomed by the president of SIH, Jani Tati, and on behalf of UEEIV by the honorary president Josef Windsinger. The seminar has been introduced by lectures from the assistant Minister of Transport, Armand Teliti, and the General-Director of HSh, Sokol Kapidani. The country would like to be connected to Europe and is doing everything it can in order to achieve this aim as has been pointed out during the lecture under the general topic of „Modernization of the Albanian Railway network “. Further lec-

tures from the Ministry of Transport and the General Directorate

Plovdiv/Bulgaria. The railways of the countries bordering on Albania were also present. The representatives of Montenegro and Kosovo reported about the status of their railways in their own lectures. The European Railway industry met with great interest for their modern services and products during the seminar.



Ass. Minister of Transport Armand Teliti (2.f.l.), besides General Director Sokol Kapidani (l. i. p.), receives from Josef Windsinger (3. f.l.) a measuring tool as a gift, with which it is possible to measure and follow up on the rising standard of living in Albania, which will also make itself felt for the railway in Albania. Also in the picture: The president of SIH, Jani Tati (r.i.p.).

Apart from the presentation of the services and products in a photo-, model- and video-



View to a part of the participants in the conference room of Hotel ARVI in Durres

HSh were concerned with the „Intermodal Transport and Albanian Railways“, „Investment planning for the Albanian Railway“, and „Status and further development of the railway infrastructure in Albania “. Josef Windsinger delivered a lecture on behalf of UEEIV about the „Status of the extension of the TEN- and PAN-Railway corridors with corridor VIII of Tirana-Durres-Skopje-Sofia-Warna“. The participating countries Albania, Macedonia and Bulgaria have concluded treaties about the extension of this 1 300 kilometers long corridor from the Adriatic to the Black Sea recently at a conference which took place in

exhibition lectures were delivered by EPG Erfurt about „planning and construction supervision in the railway sector“, by the Tiefenbach-GmbH about „Signal devices in the secondary sectors of the railways and cost efficient components for main and secondary lines“, by VAE GmbH about „Construction solutions for switches in regard to low LCC (Life Cycle Costs)“ and by Rail.One about „Solid track – System Rheda 2000“. All lectures were translated simultaneously. Discussions were possible after each lecture. At a reception for all participants at the evening of the first day contacts were established or deepened. The certification for EURAIL-ING was presented in a special lecture by Peter Brinkmann/UEEIV. Television and press reported about the seminar on both days of the event.

Meeting of supporting members together with board of advisors of UEEIV 2006

The annual session of the Union of European Railway Engineer Associations – UEEIV – with the more than 40 supporting companies from all over Europe took place jointly with the members of the board of advisors of UEEIV at the 31st May 2006 during the International Track Exhibition of IAF VDEI in Munster. President Heinrich Salzmann was able to



Dipl.-Ing. Ulrich Weiss, speaker at UEEIV-event

welcome a number of representatives of supporting members from Germany and other countries. The main speech has been delivered by Dipl.-Ing. Ulrich Weiss, managing director of Leonhard Weiss GmbH & Co KG in Göppingen. The topic of his lecture, which took about one hour to deliver, has been a rarity among the circle of participants who represented more or less the construction industry, it was called „Invitation to tender and awarding of infrastructural projects in the acceding countries“. Since

the European construction industry has adapted itself during the last few years to enter business relations within the 10 countries who joined the EU in 2004 and those who will probably join the Union like Romania and Bulgaria in 2007 and also the candidates for joining the EU like Croatia and Turkey, the representatives of the industry are naturally interested in the

speech of the illustrious speaker. Following some explanations concerning the supporting programs in preparation to the joining of the EU like ISPA-Program, PHARE-Program and SAPARD-Program, and the structure and cohesion programs designed to support the economical development of the eastern European states following their joining of the Union, Weiss also determined the need for investment for each sector with a special interest in rail bound traffic. The speaker elaborated in great detail to explain the wide variety of hindrances that range from prequalification, over the offer, the filing of the offer to the implementation. He also named the critical factors for success, like references, connections, resources, financial power, a basis and cooperation partners on location, which play a really important role. In his analysis he drew heavily on valuable first hand



View to a part of the representatives of the supporting companies. Speaker: Dipl.-Ing. Ulrich Weiss (3rd from the right)

experience that had been won in each of the countries during participation in invitations to tender. The participants contributed to the concluding discussion their knowledge and experience, which were pretty much congruent with the lecture. Under the applause of the audience, president expressed his gratitude to the speaker Dipl.-Ing. Ulrich Weiss for his speech, which could not have been more interesting and up-to-date for those present.

EURAIL-ING-Certificates awarded at iaf in Munster



Attentive and prominent participants of the event: Vice-President of the board of the Polish Railway PKP-PLK Zbigniew Szafranski, Chairman of the board of DB AG, Dr. Hartmut Mehdorn, VDEI-President Prof. Dr.-Ing. Lothar Fendrich, Chairman of the board of advisors of VDEI Prof. Dr.-Ing. Eberhard Hohnacker and chairman of the Ressort Operation and Ressort Maintenance of DB Netz AG Dipl.-Ing. Klaus Junker, (from right to left first row)

In the context of the event „Track for Europe“ at the international exhibition track – iaf – of the “Association of German Railway Engineers” – VDEI – at the 31st May 2006 in the hall Munster land in Munster, during which the sponsor of the event the chairman of the board of DB AG Dr. Hartmut Mehdorn, delivered an impressive speech, besides the award of the VDEI-Förderpreises also two EURAIL-ING-certificates were awarded to certified engineers from Germany. This was a matter of great interest for the president of VDEI, Prof. Dr.-Ing. Lothar Fendrich, from a national point of view, because it concerned certificates of the national certification office Germany and the president of the Union of European Railway Engineer Associations – UEEIV- , Director Heinrich Salzmann, who handed the certificates over under the

great applause of the audience. Apart from the demonstration of the most modern machinery and tools of the field of track technology, as shown at the iaf, the increased qualification of those engineers who are responsible for the constant development of railway technology and its implementation in a ecological and efficient manner leading to an increase in the standard of living, should be demonstrated clearly. This has been pointed out extraordinarily clear and positive by UEEIV-President Heinrich Salzmann. The certification as European Railway Engineer is being done by specially qualified teams of auditors all over Europe since the year 2000 and is being acknowledged and supported by the European Commission. The railway companies are more and more drawing on the qualification of the EURAIL-ING and are supporting the holders of such certificates during selection and development of management personnel; this is the case at the Netz-AG of the DB AG, which holds the certificates with the personnel files. The holders of the certificates are from 14 European countries. Especially strong is the growth of

the interest to acquire the special qualifications in Germany, as it is pointed out by president Salzmann during his short speech, so that he can hand over the 100 and 101 certificate today accompanied by great public interest and with great joy. The certificates were awarded to Mrs. Dipl.-Ing. (FH) Gesche Fremerey, Diplomandin of the Fachhochschule Frankfurt am Main, at the BPI-Consult GmbH, employed at the office Stuttgart, and Dipl.-Ing, Frank Buchmann, Diplomand of the Technischen Universität Dresden, at the DB Systemtechnik, Oberbautechnik, in



UEEIV-Präsident Salzmann at the awarding of the EURAIL-ING-Certificates to Mrs. Gesche Fremerey (l.i.p.) and Mr. Frank Buchmann.

Frankfurt am Main. Salzmann congratulated the new holders of the certificates and also expressed his gratitude to the VDEI, who pioneered in this area with the national certification office Germany for the common good of the railway engineers, the railway companies and companies who are contracting for the railway.

TRANSRAPID-Symposium at the Committee for Traffic of the European Parliament



Patron and speakers of the Symposium

f. I. t. r. Lorenz (DB Magnetbahn), Prof. Fendrich (VDEI), Steinmetz (IABG), Wackers (TRI), MdEP Dr. Koch (EP-TRAN), Prof. Schach, Prof. Stephan, Prof. Fengler (all KHM)

TRANSRAPID-Symposium at the Committee for Traffic of the European Parliament

The globalization of the world-economy is in full swing and changes the conditions of competition essentially. This process is being influenced by ecological conditions that are becoming more and more important. The European traffic volume on land, water and in the air is increasing steadily. This is being caused by the increasing international connection between industry, science and administration and tourism as well. Within the last 20 years the railway share of the transportation of passengers has been reduced substantially. During this time, the airplane has increased its share almost twofold and has almost reached the level of the railway. Traffic jams on roads and highways are the normal condition. All efforts of the railways to modernize their network and make them more efficient with different means and so contribute to the solution of this conflict have so far been mostly unsuccessful because the most needed political changes of the ramifications have not yet been achieved.

The technological knowledge and know how at hand in Europe would suffice to cope with the traffic of the 21st century. The TRANSRAPID provides a chance for an intelligent complement to an intermodal and modern European traffic-system. Its technological and ecological data and the economical potential at hand provide it with a clear advantage over all other traffic systems. Europe needs such innovations in order to achieve the already long needed economical upswing. The European cooperation in the areas of research planning and construction of European TRANSRAPID-lines is urgently needed. AIRBUS and GALILEO have demonstrated to what kind of achievements the European economy is capable.

Europe has established the objective for itself to make this region into „the economical sphere of the world which is most able for competition, based on knowledge and dynamic and which is able to establish a sustained economical growth and provide more and better workplaces and a better social cohesion“. The guidelines for a European traffic policy until 2010 are demanding a turnaround from the EU-Commission regarding the common traffic policy.

It is in connection with these facts that the VDEI, UEEIV and the competence centre for high-performance railways and levitation systems of the TU Dresden – KHM have held the symposium „Europe's levitation technology, A 380 – Galileo – Transrapid“ at the 27th of June 2006 at the Committee of Traffic of the European Parliament in Brussels. The members of Parliament and the members of the General Directorate Energy and Traffic of the European Commission were briefed by the representatives of the competence centre, the German system industry and the DB levitation railway on the most recent technical and economical status of the TRANSRAPID-Technology.

„It is better to miss a step on a new road than to be treading on the same spot on old and well known roads“, it was with this quote that the patron of the event, MdEP Dr. D.-L. Koch, opened the Sym-

posium. The president of VDEI, Prof. Dr. L. Fendrich, provided an introduction into the topic at hand. Visions are necessary in order to achieve the changes needed on the traffic sector, but a sense of reality as well. This requires courage and staying power from those that are responsible. The following expert speeches presented the TRANSRAPID-System as it is available today, provided and insight into the advantages of its track-technology compared to the classic railway as well as elaborated on approaches to a well funded cost calculation. This was followed by reports about experiences gained at the TRANSRAPID-Test-Line in Emsland and about the status of the project „Airport-Connection Munich“, moreover a perspective has been given to further areas of operation and projects worldwide. The TEN-compatibility of the TRANSRAPID has been especially pointed out. All contributions showed that the TRANSRAPID is superior to other traffic systems in many regards:

- High level of acceleration and deceleration and as a result short travel times
- High standard of safety and a high level of technical dependability
- Low level of landscape consumption, a.o. due to flexible track planning
- Low level of influence on the environment by emission of noise and vibration, no air pollution
- Low maintenance cost and high development potential; because of that a better long term efficiency than the railway in spite of higher investment
- Highly attractive

The traffic-political responsibility of the national and the European Parliaments in regard to the decisions on the European Traffic network TEN-T until 2020 has been one of the main focus of questions from the auditorium. Besides operational aspects most of all ecological aspects (a dramatic decline in world wide oil reserves, a.o.) must develop into decisive criteria, has been the majority opinion. Concluding, the organizers of the event voiced their conviction that a Trans-European TRANSRAPID-basic-network could be realized within a time-frame of 20 to 30 years. Therefore the European Commission must initiate, coordinate, concentrate and support research financially. They appealed to those responsible of the GD Energy and Traffic to take into account potential track alternatives for the traffic plans of the next decades.

Dr. Bernd Neumann
Chairman of the AK MSB of VDEI and
Member of the board of KHM of TU Dresden

2-Day Excursion of UEEIV to Vienna, April 2007

UEEIV will, for the first time, organize a 2-day excursion to Vienna, scheduled for April 2007. This excursion will take place under the topic

„Visitation of technical Infrastructure-Projects “

Scheduled focus points of the program are:

The Wienerwald-Tunnel

This is a circumnavigation of Vienna. The head works are progressing under difficult geological conditions.

Visitation of the most modern wind-channel

For railway rolling stock as well as the climate-channel

Visitation of the permanent track-system of ÖBB at the newly constructed line in the Vienna area

Impressum

UNION EUROPÄISCHER EISENBAHN-INGENIEUR-VERBÄNDE
UNION OF EUROPEAN RAILWAY ENGINEER ASSOCIATIONS
UNION DES ASSOCIATIONS EUROPÉENNES D'INGÉNIEURS FERROVIAIRES

Editor:

UEEIV

D – 60329 Frankfurt am Main

Kaiserstr. 61

Phone 0049 (0) 69/25 93 29

Fax 0049 (0) 69/25 92 20

E-Mail: ueeiv@t-online.de

Homepage: www.ueeiv.com

To our member associations and supporting members

Please keep us updated about changes of contact as soon as possible.
We welcome suggestions and contributions for our Union Report.



**Union Europäischer Eisenbahn-Ingenieur-
Verbände - UEEIV**
Kaiserstraße 61
D - 60329 Frankfurt am Main

Fax 0049 (0)69 25 92 20
E-Mail ueeiv@t-online.de

.....
Company / Unternehmen / Entreprise
.....
Phone
.....
Fax
.....
E-Mail

Deadline **Rücksendetermin** **Date du retour**
10th September **10. September** **10. Septembre 2006**

Registration

Following participants from our company will attend the **UEEIV – URPIC-Symposium at 28th September 2006 in Brussels:**

..... Name	..... First name	..... Title
..... Name	..... First name	..... Title
Participation at lunch (encl. in fee)	Yes / No (please delete as applicable)	
..... Signature	..... Date	

Anmeldung

Folgende Personen unseres Unternehmens nehmen am UEEIV-URPIC-Symposium am 28. September 2006 in Brüssel teil:

..... Name	..... Vorname	..... Titel
..... Name	..... Vorname	..... Titel
Teilnahme am Mittagessen (in Gebühr enthalten)	Ja / Nein (Bitte Nichtzutreffendes streichen)	
..... Unterschrift	..... Datum	

Inscription

Les personnes suivantes de notre entreprise participeront au **UEEIV-URPIC-Symposium du 28 Septembre 2006 à Bruxelles:**

..... Nom	..... Prénom	..... Fonction
..... Nom	..... Prénom	..... Fonction
Participation au déjeuner (Dîner incl. en droits de participation)	Oui / Non (biffer la mention inutile)	
..... Signature	..... Date	