

REGISTRATION

by Fax +49(0)30-3142 5452

Herewith I declare my binding participation in the 8th Symposium "Passive Safety of Rail Vehicles" on February 10-11, 2011 in Berlin. I agree with the terms and conditions of the organiser (www.ifv-bahntechnik.de/agb.pdf). The fee is due at the time of the registration. Reduced fee has to be paid before January 28, 2011 to the following account Nr. 447492104, Postbank Berlin, BLZ 10010010, IBAN: DE81 1001 0010 0447 4921 04, SWIFT: PBNKDEFF (indicate the participant's name)

- STANDARD FEE** (for both days): **952 €** (incl. VAT) per person. Payment must be received before February 04, 2011. Delegates from outside the E.C. may pay on site (cheque or cash)
- EARLY BIRD FEE 895 €** (incl. VAT) only for early payment - must be received **via Credit Card before January 28, 2011**
- MEMBER FEE** for members of IFV Bahntechnik **833 €*** (incl. VAT, for both days)
** ONLY for early paying personal or corporate members of IFV Bahntechnik e.V. - reduced fee has to be payed before January 28, 2011 (otherwise the standard fee has to be paid on site)*

NAME:

Company:

Street:

ZIP Code/City:

Country:

Phone/Fax:

E-Mail:

Date/Signature:

The participant will receive extensive seminar materials including the printed proceedings. To promote the networking activities of participants and speakers, there will be a special evening-event.

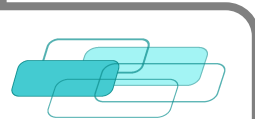
Payment Method: Credit Card Visa / Master Bank Cash

Cancellation Conditions:
 Cancelling before January 28, 2011: 350,-- €
 It is not possible to cancel after this date ...
 ... but participants can be substituted **free of charge!**

ORGANISER AND PARTNER

PASSIVE SAFETY

Technische Universität Berlin
 School V - Mechanical Engineering and Transport
 Department of Land and Sea Transport Systems
 Chair of Rail Vehicles
 Prof. Dr.-Ing. Markus Hecht
 FG Schienenfahrzeuge
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Reduced conference fee for members only!
Apply now for membership in the interdisciplinary railway research network IFV Bahntechnik e.V. ... and save money!

Membership-application form:
www.ifv-bahntechnik.de/membership.pdf

- **ANNUAL MEMBERSHIP FEE:**
 - 36 EURO - PERSONAL MEMBER
 - 365 EURO - CORPORATE MEMBER
- **List of personal and corporate members:**
www.ifv-bahntechnik.de/nachrichten/netzwerk

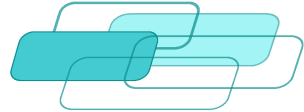
EXHIBITION PASSIVE SAFETY

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Technical University Berlin, Chair of Rail Vehicles



ifv Bahntechnik
 Interdisciplinary Railway Research Network

Welcome to Berlin!



8th International Symposium

PASSIVE SAFETY of Rail Vehicles

10 - 11 February 2011

www.railway-network.eu/ps

Applications are welcome before February 04, 2011
 Reduced conference fee before January 28, 2011
 Date of the Symposium: February 10 - 11, 2011

Join the 8th summit of Passive Safety

During the 8th symposium all relevant aspects of passive safety of different categories of rail vehicles (vehicles for high speed transportation systems, trams, light rail vehicles, locomotives, coaches, tank wagons etc.) shall be reflected.

The seven(!) recent International Symposia on Passive Safety of Rail Vehicles, held in Berlin since 1999 (see: proceedings), have been a great success. A continuously growing number of participants shows the high relevance of the symposium for industry, operators and research. According to statements of many participants this is the most important meeting for passive safety of the railway in Europe. This is surely due to the excellent lectures that treated the relevant subjects of passive safety of rail vehicles.

Regarding the programme of the 8th conference, we believe, we succeeded in arranging for an attractive symposium with an interesting mixture of contributions from research and practice. Speakers from different countries of Europe, America and Asia are preparing to discuss relevant topics with participants from all over the world. We are looking forward to seeing you in Berlin - the international meeting point for experts in the field of passive safety.

We invite YOU to join the 8th symposium PS-2011! Prof. Dr. Markus HECHT and Eckhard SCHULZ

Focus of PS-2011
Passive Safety
and
Safe Interiors

For detailed information about the programme and registration please visit the conference-website:

www.ifv-bahntechnik.de/passive-safety

Recent Symposia on PASSIVE SAFETY in Berlin

- 1th International Symposium Passive Safety, 1999
- 2th International Symposium Passive Safety, 2000
- 3th International Symposium Passive Safety, 2002
- 4th International Symposium Passive Safety, 2003
- 5th International Symposium Passive Safety, 2005
- 6th International Symposium Passive Safety, 2006
- 7th International Symposium Passive Safety, 2008

→ Proceedings: www.ifv-bahntechnik.de/literatur.pdf

PROGRAMME (1st day)

THURSDAY, 10 FEBRUARY

Coffee-Time
+ Exhibition

CHECK-IN-TIME: 08:30 – 09:25

Conference: 09:30 – 17:30

Opening of 8th International Symposium Passive Safety Innovation in Passive Safety of Rail Vehicles and Interior Design

Prof. Dr. Markus HECHT; Dipl.-Volkswirt Eckhard SCHULZ [IFV Bahntechnik] Germany

Passive safety in a perspective: Safety management and safety appraisals as seen by the ERA

Airy MAGNIEN [European Railway Agency], France

Research and the Development of Passenger Equipment Safety Standards

David TYRELL; Karina JACOBSEN [Volpe Center, US Department of Transportation], USA

The impact of the new FRA waiver regulations on the design requirements of European trains - A case study based on the Stadler GTW DMU

Dr. habil Alois STARLINGER; Benedetto CASTELLI; Tim GOOD [STADLER Altenrhein AG], Switzerland

Passive or active safety? Safety on level crossing: Experience from real railway traffic in Czech Republic and from experiment

Zdenek MALKOVSKY [VUKV a.s.], Czech Republic

Passive safety dedicated to the rolling stock protection

Patrick JUMIN; Bernard ROURE; Stéphanie MAIGRE [SNCF], France

Positioning Anthropometric Test Devices in a Rail environment Prior Dynamic Testing

Marie-Christine CHEVALIER; Gaëtan HANEN; Peter MATTHEWS, [INRETS, Université de Lyon], France

Optimization of the Cabin Car Primary Energy Absorption Mechanism (PEAM) of a new TALGO Intercity Train

Marta GARCIA-COSIO; Antonio RODRÍGUEZ; Ignacio REINA; Esther CID [ATOS Origin]; Cristian JIMÉNEZ; Carlos TERRÉS [ESI Group Hispania], SPAIN

Crashworthy lightweight front end structures: GALEA - the new innovative fibre reinforced rail vehicle heads

Uwe BEIKA; Sascha ENDE [VOITH Turbo Scharfenberg], Germany

Plenary Discussion: Passive Safety 2011 - and beyond!

Prof. Dr. Markus HECHT; Dipl.-Volkswirt Eckhard SCHULZ



SIGHTSEEING-TOUR "Berlin 2011"
and
NETWORKING-DINNER



PROGRAMME (2nd day)

FRIDAY, 11 FEBRUARY

Coffee-Time
+ Exhibition

CHECK-IN-TIME: 08:00 – 08:40

Conference: 08:45 – 16:00

PASSIVE SAFETY and Public Transport/Interiors 2011

Dipl.-Volkswirt Eckhard SCHULZ (Managing Director of IFV)

Increased Protection of Tank Wagons for dangerous Goods

Siegward SCHNEIDER [Eisenbahn-Systemtechnik GmbH] Germany

Crash Pulse definition of the SafeInteriors Project

Dominique LE CORRE [ALSTOM TRANSPORT, Reichshoffen,] France

Development of Injury Criteria and Threshold Values in the SAFE INTERIORS Project (European Union)

Dr. Tony PAYNE, PhD; Keith CLEMO [MIRA Ltd.], United Kingdom

Innovative metal foam structures - chances for the improvement of crash behaviour

Jörg WEISE; Joachim BAUMEISTER [Fraunhofer Institut für Fertigungstechnik und Materialforschung IFAM], Germany

Passive Safety in the context of changes in conditions of Homologation for Rail Vehicles in Europe

Ralph R. MÜLLER; RA Hans Günther KERSTEN [Deutsche Bahn AG (Systemverbund Beschaffung Fahrzeuge)], Germany

Crashworthiness Design of Deta Cab (Detachable Freight Cab) - according to DIN EN 15227 and 12663

Dr. Wenbin WANG [Railway and Urban Mass Transit Institute, Tongji University, Shanghai and TU Berlin]; Prof. Dr. Markus HECHT; Patrick ESCHWEILER [Department of Rail Vehicle; Technical University Berlin], Germany and China

Passive safety in Japan

Dr. OMINO, Yasushi UJITA [JR Railway Technical Research Institute - Vehicle Structure Technology Division], Japan

PASSIVE SAFETY 2011 - Conclusion and Perspectives

Prof. HECHT; Dipl.-Volkswirt SCHULZ and all SPEAKERS (Day II)

→ END of the symposium: 16:00 (approx.)

ORGANISATION / PAYMENT / CONTACT

- Contact: Mr. Mohr (registration) - Ms ZIPPEL (payment)
- Phone: +49 (0)30 31429298 (for any information)
- Fax: +49 (0)30 31425452 or Fax +49 70047472000
- E-Mail: tagung@ifv-bahntechnik.de

VENUE / Conference Hotel (or other Hotels in Berlin):

Hotel Aquino → www.hotel-aquino.de

IFV will send you the Hotel List "Berlin - Center" to support your individual booking on request. Please ask for assistance.

Check for UPDATES of the programme: www.ifv-bahntechnik.de/passive-safety