

PROGRAMME (Day I)

8th International Symposium on Passive Safety of Rail Vehicles

Thursday, February 10, 2011

08:30 – 09:25	CHECK-IN-TIME and welcome coffee for registered participants, speakers and exhibition partners
09:30 – 10:30	OPENING SPEECH PASSIVE SAFETY 2011: Innovation in Passive Safety of Rail Vehicles and Interior Design Prof. Dr. Markus <u>HECHT</u> ; Dipl.-Volkswirt Eckhard <u>SCHULZ</u> [IFV Bahntechnik]
10:00 – 11:30	Passive safety in a perspective: Safety management and safety appraisals as seen by the European Railway Agency Airy <u>MAGNIEN</u> [European Railway Agency, Valenciennes/France]
11:35 – 11:05	Research and the Development of Passenger Equipment Safety Standards David <u>TYRELL</u> ; Karina <u>JACOBSEN</u> [Volpe Center, US Department of Transportation, Cambridge, Massachusetts, USA]
11:10 – 11:40	NETWORKING COFFEE and EXHIBITION: PASSIVE SAFETY 2011
11:40 – 12:10	Passive Safety in the context of changes in conditions of Homologation for Rail Vehicles in Europe: status quo and perspectives Ralph R. <u>MÜLLER</u> [Deutsche Bahn AG (Beschaffung), München/Germany]
12:15 – 12:45	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 <u>STARLINGER</u> ; Benedetto <u>CASTELLI</u> ; Tim <u>GOOD</u> [STADLER Altenrhein AG, Altenrhein/Switzerland]
12:50 – 13:50	LUNCHBREAK, NETWORKING COFFEE and EXHIBITION PS 2011
13:50 – 14:20	Passive or active safety? Safety on level crossing: Experience from real railway traffic in Czech Republic and from experiment Zdenek <u>MALKOVSKY</u> [VUKV a.s., Praha/Czech Republic]
14:25 – 14:55	Passive safety dedicated to the rolling stock protection Patrick <u>JUMIN</u> ; Bernard <u>ROURE</u> ; Stéphanie <u>MAIGRE</u> [SNCF, LeMans/Fr.]
15:00 – 15:30	NETWORKING COFFEE and EXHIBITION: PASSIVE SAFETY 2011
15:30 – 16:00	Positioning Anthropometric Test Devices in a Rail environment Prior Dynamic Testing Marie-Christine <u>CHEVALIER</u> ; Gaëtan <u>HANEN</u> ; Peter <u>MATTHEWS</u> [INRETS, Université de Lyon/France]
16:05 – 16:35	Crashworthy lightweight front end structures: GALEA - the new innovative fibre reinforced rail vehicle heads Uwe <u>BEIKA</u> ; Sascha <u>ENDE</u> [VOITH Turbo Scharfenberg, Salzgitter/Germany]
16:40 – 17:10	Plenary Discussion: Passive Safety 2011 - and beyond! Prof. Dr. Markus <u>HECHT</u> ; Dipl.-Volkswirt Eckhard <u>SCHULZ</u> and all <u>Speakers</u>
17:30	END of the lectures DAY 1: Networking and Exhibition “PS 2011”

SIGHTSEEING TOUR and NETWORKING-DINNER

18:15 Meetingpoint for Sightseeing Tour / Departure bustour “Lights of Berlin”
19:15 (ca.) Networking Dinner in the restaurant until approx. 22:00 h

The programme is subject to alterations / The spoken word applies.

PROGRAMME (Day II)

8th International Symposium on Passive Safety of Rail Vehicles

Friday, February 11, 2011

08:00 – 08:40	CHECK-IN-TIME and welcome coffee for registered participants, speakers and exhibition partners
08:45 – 09:15	Introduction: PASSIVE SAFETY and Public Transport/Interiors 2011 Dipl.-Volkswirt Eckhard <u>SCHULZ</u> [IFV Bahntechnik]
09:15 – 09:45	Crashworthiness Design of Deta Cab (Detachable Freight Cab) - according to DIN EN 15227 and DIN EN 12663 Dr. Wenbin <u>WANG</u> [Railway and Urban Mass Transit Institute, Tongji University, Shanghai/China, TU Berlin]; Prof. Dr. Markus <u>HECHT</u> ; Patrick <u>ESCHWEILER</u> [Department of Rail Vehicle; Technical University Berlin]
09:50 – 10:20	Crash Energy Management (CEM) Workstation Table Development Ritchie D. <u>HOLLINGSWORTH</u> [LTK Engineering Services, Ambler/USA]; Prof. Joseph D. <u>MELLO</u> , PhD; Trevor <u>NESS</u> ; Brandon <u>BAKER</u>
10:25 – 10:55	NETWORKING COFFEE and EXHIBITION: PASSIVE SAFETY 2011
10:55 – 11:25	Development of Injury Criteria and Threshold Values in the SAFE INTERIORS Project (European Union) Dr. Tony <u>PAYNE</u> (PhD); Keith <u>CLEMO</u> [MIRA Ltd., Nuneaton/UK]
11:30 – 12:00	Optimization of the Cabin Car Primary Energy Absorption Mechanism (PEAM) of a new TALGO Intercity Train Marta <u>GARCIA-COSIO</u> ; Antonio <u>RODRÍGUEZ</u> ; Ignacio <u>REINA</u> ; Esther <u>CID</u> [ATOS Origin, Madrid/Spain]; Cristian <u>JIMÉNEZ</u> ; Carlos <u>TERRÉS</u> [ESI Group]
12:05 – 13:05	LUNCHBREAK, NETWORKING COFFEE and EXHIBITION PS 2011
13:05 – 13:35	Innovative metal foam structures - chances for the improvement of crash behaviour Jörg <u>WEISE</u> ; Joachim <u>BAUMEISTER</u> [Fraunhofer Institut für Fertigungstechnik und Materialforschung IFAM, Bremen, Germany]
13:40 – 14:10	Increased Protection of Tank Wagons for Dangerous Goods Siegward <u>SCHNEIDER</u> [Eisenbahn-Systemtechnik GmbH, Wangen/Germany]
15:00 – 15:30	NETWORKING COFFEE and EXHIBITION: PASSIVE SAFETY 2011
13:55 – 14:25	Passive Safety in Japan Dr. OMINO, Yasushi <u>UJITA</u> [JR Railway Technical Research Institute – Vehicle Structure Technology Division, Tokyo/Japan]
14:55 – 15:15	PASSIVE SAFETY 2011 - Conclusion and Perspectives Prof. Dr. Markus <u>HECHT</u> ; Dipl.-Volkswirt Eckhard <u>SCHULZ</u> and all <u>Speakers</u>
16:00 (approx.)	END of the symposium

OPTIONALER TERMIN für Netzwerkpartner des IFV:

Für Experten aus dem deutschsprachigen Raum wird am Vorabend d.h. 09. Februar 2011 ab 17:30 Uhr eine konstituierende Sitzung des neu etablierten Kompetenznetzes „**Bahn-SICHERHEIT**“ an der TU Berlin stattfinden:
Agenda: 1. Organisation, 2. Themenliste Passive Safety u. Interior Design, 3. Forschungsprojekte
www.kompetenznetz-bahntechnik.de

The programme is subject to alterations / The spoken word applies.