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Chairman
Prof. Dr. Klaus Langwieder
TÜV SÜD Akademie GmbH

Protection of children in cars
8th International Conference
December 2 – 3, 2010, Munich, Germany

Chairman
Prof. Dr. Klaus Langwieder

www.tuev-sued.de/tagungen

Participation fee
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(50% discount for members of universities)

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Conference language
English

Conference venue
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congress@tuev-sued.de

Registration by Fax to +49 89 5791-2833 or by E-mail to congress@tuev-sued.de and on www.tuev-sued.de/tagungen

I will also attend the workshop on Dec 1st (no additional costs)

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Date / Signature
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- University of Virginia, Charlottesville, USA,
  Prof. Dr. Jeff Crandall

Chairman
Prof. Dr. Klaus Langwieder
9:45 Welcome
Klaus Langwieder, International Safety Consulting (DEU)

Standards and Rulemaking
Chair: Klaus Langwieder, International Safety Consulting

10:00 Update on NEW ECE regulation
Pierre Castaing, UTAC (FRA)

10:30 Update on lateral impact test procedure
Heiko Johannsen, Technische Universität Berlin (DEU);
Farid Bendjellal, Britax Childcare Group (DEU);
François Renaudin, Dorel (FRA);
Peter Claeson, Swedish Standards Institute (SWE)

10:50 NHTSA’s research program in support of future advanced child dummies
Matthew Craig, Stephen A. Ridella,
National Highway Traffic Safety Administration (USA)

11:20 Coffee break

11:50 Summary of the cover workshop: CASPER activities
Philippe Lesire, LAB PSA/Peugeot-Citroën RENAULT (FRA)

Field Observation and Biomechanics
Chair: Farid Bendjellal, Britax Childcare Group

12:05 Surveys on child restraint systems in Switzerland: methods and results
Steffen Niemann, bfu - Swiss Council for Accident Prevention (CH)

12:35 Assessing head and neck injury in rear seated children aged 7-12 years in frontal crashes
Julie Brown, Neuroscience Research Australia and University of New South Wales (AUS);
Rick M Morgan, Paul Scullion, Lilly Nix, National Crash Analysis Center, George Washington University (USA)

13:00 Lunch

14:00 A comparison of children’s sitting postures during drive and the HIII 6y seating position – in two different high back booster seats
Katarina Bohman, Autoliv Research and Karolinska Institutet; Marianne Andersson, Saab Automobile and Chalmers University of Technology; Anna-Lisa Osvalder, Chalmers University of Technology (SWE)

14:30 Child safety and cultural approach – Workshop Results
Philippe Lesire, LAB PSA/Peugeot-Citroën RENAULT (FRA)

CRS Product Development and Vehicle Integration
Chair: Volker Noeske, Dekra Automobile GmbH

14:45 Current and future activities to increase child safety – An OEM’s point of view
Sebastian Weber, AUDI AG (DEU)

15:15 Is it possible to optimise the rear seats for children (6 YO and above) and adults?
Heiko Johannsen, Markus Schipper, Volker Schindler, Technische Universität Berlin (DEU)

15:45 Coffee break

16:15 Side impact cushion technology
Farid Bendjellal, Britax Childcare Group, Richard Frank, Britax Römer Europe (DEU); Ron Marsilio, Britax Child Safety Inc. (USA); Godfrey Scicluna, Britax Childcare (AUS)

16:45 Analyzing misuse trends in child restraint systems: the idea of including a global indicator for ISOFIX and Toptether correct fixation
David Gallegos, Francisco Liesa, Polytechnic University of Catalonia (ESP)

17:10 CRS for children with special needs: a need for better provision?
Helena Menezes, Chair of the ANEC Traffic working group and Menezes Consulting and Training in Child Safety (PRT);
Ronald Vroman, ANEC/Consumentenbond (NL)

17:30 End of first conference day

18:30 Evening Event
Agenda on Friday, December 3, 2010

Test Results and Dummies (Part I)
Chair: Ulrich Widmann, AUDI AG

8:30 Fidelity evaluation of the child restraint system sled test
Matthew R. Maltese, Caitlin M. Locey, Akira Toh,
Kristy Arbogast, J. Felipe García-España,
The Children’s Hospital of Philadelphia (USA);
Julien Tozzi, PMG Technologies; Suzanne Tylko,
Transport Canada (CAN)

9:00 Behavior of occupant seated in ISOFIX CRS in various
full-scale car side impact tests
Hideki Yonezawa, Yoshinori Tanaka, Naruyuki Hosokawa,
Yasuhiro Matsui, National Traffic Safety and Environment
Laboratory; Koji Mizuno, Nagoya University;
Ryoichi Yoshida, Takata Corp. (JPN)

9:30 Computational models of Q dummy family
Ines Lehmann, Heiko Johannsen, Verein für Fahrzeugsicherheit Berlin e.V.; Robert Kant, Christian Kleesen,
Humanetics Innovative Solutions (USA)

10:00 Comparison of Hybrid III 6yo and Q6 child dummies
in high severity frontal impact tests
Nils Lubbe, Toyota Motor Europe (BE)

10:30 Coffee break

Test Results and Dummies (Part II)
Chair: Lothar Wech, TÜV SÜD Automotive GmbH

11:00 Kinematic and kinetic response of the Hybrid III 6 year old
ATD compared to size-matched pediatric volunteers in
low-speed frontal sled tests
Kristy Arbogast, Thomas Seacrist, Sriram Balasubramanian,
J. Felipe García-España, Matthew R. Maltese, Children’s
Hospital of Philadelphia (USA); Richard W. Kent, Francisco
Lopez-Valdes, University of Virginia (USA); Hiromasa Tanji,
Kazuo Higuchi, Takata Corporation (JPN)

11:30 Q10 Dummy validation status report
Kees Waagmeester, First Technology Safety Systems,
Europe, (on behalf of EPOCh consortium) (NLD);
Mark Burleigh, FTSS (UK); Marianne Hynd, TRL (UK);
Alejandro Longton, IDIADA (ESP); Erik Salters, DOREL
(NLD); Barbara Girard, University of Surrey (UK)

12:00 Analysis of criteria for use with the Q series dummies
in new regulation
Marianne Hynd, Mark Pitcher, David Hynd, JA Carroll,
TRL Ltd. (UK)

Consumer Information and Safety Programs
Chair: Wolfgang Christ, RECARO GmbH & Co. KG

12:30 Update on the Status of the Euro NCAP Child Safety
Working Group
Bernd Lorenz, Britta Schnottale, Bundesanstalt für
Straßenwesen, Bergisch Gladbach (DEU);
Michiel van Ratingen, Euro NCAP

13:00 Lunch

14:00 Latin NCAP
Alejandro Furas, Gonzalo Rodriguez Memorial
Foundation - Latin NCAP Secretariat (URY)

14:25 China’s new progresses of child safety in cars
Cheng Chen, Shanghai Motor Vehicle Inspection Center
(CHN)

14:50 The interface between child seat and car
Toni Keller, Touring Club Schweiz (CH)

15:15 Three years experience of child safety education
for multipliers
Gerd Müller, Heiko Johannsen Verein für Fahrzeugsicherheit
Berlin e.V. (DEU)

15:40 Outlook and farewell
Prof. Dr. Klaus Langwieder
Workshop on Wednesday, December 1, 2010, 14:00 – 18:00

Child safety and cultural approach
Chairmen:
Philippe Lesire, LAB PSA / Peugeot-Citroën RENAULT
Brian Fildes, Monash University Prato Centre

This workshop, held the day before the conference, will gather people interested in a cultural understanding of the CRS use. Aspects of sociological approaches in child safety research will be discussed from different points of view and the results will be reported during the first conference day.

As it was for its 1st edition, this event will give the opportunity to exchange points of view and continue to gather reflections that were started last year. It will be illustrated with experience from different parts of the planet. This workshop is free of extra charge for the participants to the conference.

Kick-off presentations / regional overviews
- The focus group methodology in CASPER project: the benefits of a qualitative method and the results
  Reakka Krishnakumar, Annie Langlois, Centre Européen d’Études de Sécurité et d’Analyse des Risques (CEESAR);
  Philippe Lesire, LAB PSA Peugeot-Citroën/RENAULT (FRA)
- Differences in reported behaviors of CRS use in the Israeli Arab population
  Nassim Assi, Sharon Levi, Michal Klein, Shlomi Tal, Beterem – Safe Kids, Israel; Khaled Abu-Asba, Amira Karaka-Ibrahim,
  Massar – Institute for Research, Planning and Social Consultation (ISR)
- Culture counts: reaching newcomers with lifesaving road safety info
  Natalie Zeitoun, Safety Drives Us, Ministry of Transportation (CAN)

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