Protection of Children in Cars
17th International Conference
December 5 – 6, 2019
Munich, Germany

CALL FOR PAPERS
Program Committee

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The Conference

New mobility concepts like car- or ride-sharing, automated/autonomous driving and increasing intermodality of traffic will influence future design and use of child restraint systems (CRS), as well as closer connectivity between car and CRS. In addition, we need to also focus on the basic safety requirements of CRS, their ease of installation and use, and the continuous provision of information and education for consumers by evidence-based safety campaigns. As a worldwide forum of Child Safety, the conference has also to consider the needs and trends in developed and developing countries with a global overview to relevant safety regulations and to real-world accident research.

In addition to these special items, the standing topics of the conference as listed below will continue to be of focus and recent developments in safety technology will be reported in detail.

The 17th International Conference will again act as worldwide forum for safety engineers, accident researchers, experts in biomechanics, pediatricians, behavioral scientists, representatives of rulemaking, consumer organizations, promoters of safety campaigns and specialists in vehicle and CRS rating systems.

The international Scientific Program Committee invites all researchers, students and organizations working in the field of child safety to present their recent results and new and emerging trends in product development.

Workshop on December 4, 2019

The day before the conference, a workshop entitled ‘Child Safety and Cultural Approach’ will bring together people interested in understanding CRS use with respect to diverse safety cultures around the world. Based on short presentations, aspects of sociological approaches in child safety research will be intensively discussed with the audience, in order to highlight different points of view.
Topics

Future Transport Challenges
- Car- or ride sharing and portability of CRS
- Child occupant protection in fully automated and autonomous vehicles
- Public transport, safety of children in buses & coaches

Standards and Rulemaking
- Update of international safety standards/regulations
- Completion of UN R129 in 2019 and further activities in rulemaking
- Experience with I-Size regulation

Accident Research and Biomechanics
- New studies of accident research regarding children in cars
- Injury mechanisms
- Recent knowledge in biomechanics
- Long term consequences for children due to road accidents
- Child anthropometry for system specification

Development of Safety Products by CRS and Car Manufacturers
- Innovation in CRS design, progress of ISOFIX
- Improvement of Car-to-CRS interface
- Child presence detection and warning strategy
- Child protection by OEMs, car design and CRS vehicle installation
- The use of virtual tools, dummy and human models
- Optimization of CRS against misuse, improved usability

Consumer Information, Safety Programs and Rating Systems for CRS
- Statistics on misuse, installation problems of CRS
- Child safety campaigns in different countries and continents
- CRS/Car Safety Ratings, NCAP requirements
- Efficiency evaluation of safety campaigns and ratings
- Consumer acceptance and new ways of consumer information

Test Procedures and Dummies
- New test procedures, experience in reliability and repeatability
- Global harmonization of test procedures
- Child dummy development, biofidelity, new products
- Influence of tests tracks on performance evaluation

Human Body Modelling
- Child model development
- Child human properties for human body modelling
- Use of child human body models

Field observations
- Survey, observation research which focusses on restraint: use, non-use, incorrect and/or inappropriate use

Global View on CRS Markets
- Consumer habits
- CRS production
- Socio-economic impact of the CRS industry
- Safety and cost-benefit considerations (related to car fleet)
- Child safety and cultural approach (workshop)

Call for Papers

Authors interested in presenting a paper on the topics are invited to submit an abstract to: TÜV SÜD Akademie GmbH
Ute Alius: ute.alius@tuev-sued.de
Submission guidelines can be found on the conference website.

Deadlines
- Submission of abstracts: September 10, 2019
- Notification of authors: late September 2019
- Submission of full papers: November 26, 2019

The final conference program will be made public in October 2019.
Registration & Information

www.tuev-sued.de/protection-of-children-in-cars
congress@tuev-sued.de
For further information please contact:
Ute Alius +49 89 5791-1647
congress@tuev-sued.de

Conference Registration Fee

860,00 € plus VAT (50 % discount for members of universities)
The conference registration fee includes conference documentation, lunch, snacks and beverages during breaks as well as the evening event.

Conference Venue

TÜV SÜD · Auditorium Chiemsee
Westendstraße 199, 80686 Munich, Germany
You will receive travel and hotel information with the confirmation of your registration.