

Child occupant protection: Latest knowledge and future opportunities

2017-09-20 09:00-17:00

SAFER invites to a whole day seminar on the latest research on child occupant protection.

About fifteen international researchers will share their state-of-art safety research, discussing future opportunities, with the target to set the future agenda for child occupant protection. A special focus is on how we align user expectation and the user experience with optimized safety in the context of changing mobility modes. We welcome everyone, and especially encourage all of you working with child occupant protection today, as well as those of you focusing on future transportations, to join the seminar. The focus is on children and teenagers aged 4 and above.

Preliminary content:

- **How do child passengers behave during real-world, everyday driving trips? Results from an Australian driving study** – *Sjaanie Koppel, Monash University, Australia*
- **Comfort and attitude evaluation of new vehicle restraint** – *Anna-Lisa Osvalder, Chalmers, Sweden*
- **A novel method for quantifying comfort for child passengers** – *Julie Brown, NEURA, Australia*
- **Capabilities of current dummies to evaluate child restraints booster designs in light of child behavior and product innovations** – *Suzanne Tylko, Transport Canada, Canada*
- **Compatibility of booster seats and vehicles in the US market** – *John Bolte, Ohio State Univ., USA*
- **Crash tests with real world user positions based on NDS data** – *Katarina Bohman, Autoliv, Sweden*
- **Classifying, characterizing, and monitoring children in vehicles** – *Matthew Reed, UMTRI, USA*
- **Children's kinematics in evasive events and countermeasures** – *Isabelle Stockman, Volvo Cars, Sweden*
- **The balance of vehicle and booster protection. Why ban the booster cushion?** – *Lotta Jakobsson, Volvo Cars, Sweden*
- **CRS rating updates** – *Jessica Jermakian, IIHS, USA*
- **Active safety needs for teen drivers** – *Kristy Arbogast, Children's Hospital of Philadelphia, USA*

The seminar will take place **September 20, 2017**, 9.00-17.00,
@ SAFER (Vehicle and Traffic Safety Centre at Chalmers), Lindholmen Science
park, Göteborg, Sweden

http://www.chalmers.se/safer/EN/news/events/safer-seminar-child_1

