



Child occupant protection: Latest knowledge and future opportunities

May 31, 2024

Chalmerska Huset, Södra Hamngatan 11, Göteborg, Sweden, <https://www.chalmersskahuset.se/>

Hosts: Lotta Jakobsson and Mats Svensson **Moderators:** Kristy Arbogast and John Bolte

8:30-9:00 *Registration*

9:00 **Welcome** - Lotta Jakobsson, Mats Svensson, SAFER, Sweden

Comparison of self-selected, holding device, and nominal conditions on the belt fit and posture of children on belt-positioning boosters - Gretchen Baker, Ohio State University, USA

Pediatric anatomy and biomechanics - John Bolte, Ohio State University, USA

10:10-10:50 *Coffee break*

60yrs of child safety - the challenges today - Lotta Jakobsson, Volvo Cars, Sweden

User-centric solutions to increase use of booster seat and appropriate use of adult seat belts among children - Julie Brown, Neura, Australia

Are child occupants appropriately restrained while travelling in rideshare vehicles? - Sjaan Koppel, Monash University, Australia

12:20-13:30 *Lunch*

Repositioning forward leaning child occupants in pre-crash scenarios - Kristy Arbogast, Valentina Graci, Children's Hospital of Philadelphia, USA

What is happening in the rear seats according to the dummies? - Suzanne Tylko, Transport Canada, Canada

14:30-15:00 *Coffee break*

Assessing the mechanical response of the cervical spine of the PIPER model - Francisco López Valdés, Universidad Pontificia Comillas, Spain

Automobile safety considerations during pregnancy - Jason Forman, University of Virginia, USA

16:00-16.20 **Discussion & closing remarks**



Information and updates at:

<https://www.saferresearch.com/events/child-occupant-protection-latest-knowledge-and-future-opportunities-2>