

Child occupant protection: Latest knowledge and future opportunities

16 September 2026; World of Volvo, Göteborg, Sweden

Hosts: Lotta Jakobsson, Mats Svensson **Moderator:** Kristy Arbogast



9:00 Welcome

A review of child car occupant fatalities in Sweden over the past three decades - Katarina Bohman, Volvo Cars, Sweden

Can our ATDs sit “comfortably” in cars and still record valid responses? - Suzanne Tylko, Transport Canada, Canada

10:10-10:30 Fika

From body shape to functional capability: New child data for occupant protection and transportation safety - Monica Jones, UMTRI, USA

Targeting safety recommendations for children travelling in cars through a user centric analysis – Philippe Lesire, LAB, France

Front-row Seatback contact for pediatric occupants seated in rearward-facing infant child restraint systems during frontal crashes

Kristy Arbogast, Children’s Hospital of Philadelphia, USA

12:00-13:00 Lunch

Front-row Seatback contact for pediatric occupants seated in rearward-facing infant child restraint systems during frontal crashes

Sjaan Koppel, Monash University, Australia

Portable versus traditional child seats: insights from crash tests - Valentina Graci, Children’s Hospital of Philadelphia, USA

Influence of vehicle seat recline on child belt fit and posture - Gretchen Baker, Ohio State University, USA

14:30-15:00 Fika

Seatbelt fit and safety perceptions for pregnant automobile occupants - Jason Forman, University of Virginia, USA

Workshop “User centered design – applying it on passenger safety in cars - John Bolte, Injury Biomechanics Global, USA

Discussion & closing remarks

16:30



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Presenters and organizers

