

Child occupant protection: Latest knowledge and challenges in future mobility

4 September, 2019; Lindholmen Science Park, Göteborg, Sweden

Moderators: Kristy Arbogast, John Bolte



8:45 **Welcome** – Lotta Jakobsson, Mats Svensson, SAFER, Sweden

User-driven design of child restraint information - Julie Brown, NEURA, Australia

Protection of rear seat occupants in frontal crashes– Jessica Jermakian, IIHS, USA

Boosters that don't boost – a belt fit study– Matthew Reed, UMTRI, USA

10:05-10:40 **Fika**

Influence of CRS fit and effects on adjacent seat positions in side impacts– John Bolte, Ohio State Univ., USA

Child movements in swerving maneuvers – Valentina Graci, Children's Hospital of Philadelphia (CHOP), USA

Design of a belt retractor to better represent in-vehicle response when conducting sled tests – Suzanne Tylko, Transport Canada, Canada

Dangers of CRS misuse in car crashes: A biomechanical analysis of head and neck injuries using PIPER child Human Body Model – Xiaogai Li, KTH, Swe

12:20-13:15 **Lunch**

Multi-country questionnaire study on preferred seating configuration and positions in AD for families - Sjaanie Koppel, Monash Univ., Australia

Automated technologies: Perspectives on protection for children and teens – Kristy Arbogast, Children's Hospital of Philadelphia (CHOP), USA

Challenges in future cars - increased automation and shared mobility – Katarina Bohman, Volvo Cars, Sweden

14:30-14:45 **Closing remarks**



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Participants:

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Per Alfredsson	CEVT	Ben Hoffman	Oregon Health & Science University	Paal-Gunnar Mathisen	Trygg Trafikk
Lukas Andersson	Autoliv	Dan Högberg	Skövde University	Pär Nilsson	Volvo Cars
Lovisa Andreasson	Volvo Cars	Johan Iraeus	Chalmers	Pernilla Nurbo	Volvo Cars
Kristy Arbogast	Children's Hospital of Philadelphia	Irene Isaksson Hellman	IF	Kine Osan	Trygg trafik
Katarina Bohman	Volvo Cars	Lotta Jakobsson	Volvo Cars	Camilla Palmertz	CEVT
John Bolte	The Ohio State University	Jessica Jermakian	IIHS	Vishal Parmar	Volvo Cars
Erik Brolin	Skövde University	Anna Johansson	Volvo Cars	Eva Pipkorn	Volvo Cars
Julie Brown	NEURA	Jobin John	Chalmers	Matthew Reed	UMTRI
Anna Dafgård	NTF Väst	Sofia Jorlöv	Conmore	Robert Ståhl	Transportstyrelsen
Romualdo de Souza	CEVT	Fredrik Jönsson	Volvo Cars	Håkan Sundmark	Autoliv Sweden
Linus Ericson	Autoliv	Sjaan Koppel	Monash University	Håkan Svensson	Kids1/CarSeat.se
Jason Forman	University of Virginia	Stefan Larsson	NEVS	Mats Svensson	Chalmers
Clay Gabler	Virginia Tech	Philippe Lesire	LAB PSA Peugeot-Citroën RENAULT	Suzanne Tylko	Transport Canada
Valentina Graci	Children's Hospital of Philadelphia	Malin Levin	SAFER	Helena Wallin	Volvo Cars
Mattias Gripenland	CEVT	Xiaogai Li	KTH CBH	Okke van Mourik	HTS BeSafe
Anna Hall	Volvo Cars	Mikael Ljung-Aust	Volvo Cars	Maria Wimmerstedt	Volvo Cars
Jessica Hammarström	Autoliv Sverige AB	Helena Lundberg	Volvia	Costandinos Visvikis	CYBEX GmbH
Ann-Helen Hansen	Trygg Trafikk	Daniel Lundgren	Axkid AB	Clarissa von Kleist	HTS BeSafe AS
Silje Kristine Hansen	Trygg Trafikk	Martin Lönn	NEVS	Annika Zackrisson	Volvo Cars
Gunnar Hermansson	Volvo Cars	Leif Marklund	Volvo Cars	Martin Östling	Autoliv

Presenters:

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*Julie Brown,
NEURA, Australia*



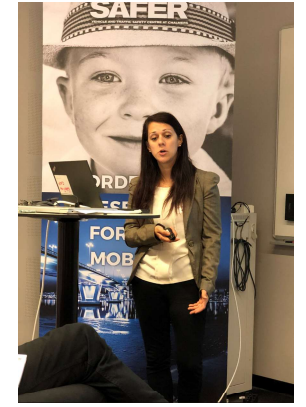
*Jessica Jermakian,
IIHS, USA*



*Matthew Reed,
UMTRI, USA*



*John Bolte,
Ohio State Univ., USA*



*Valentina Graci,
CHOP, USA*



*Suzanne Tylko,
Transport Canada, Canada*



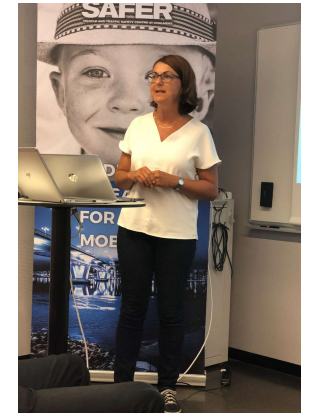
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