

**09:00 Registration & Technical Check****09:30 Welcome****09:35 Key-Note Session**Chair: *Luděk Hynčík*

- Child restraint system development within the framework of R129  
*Thomas Müller (CYBEX)*
- Sled tests for virtual validation  
*Petr Záruba (TÜV SÜD Czech)*

**10:25 Coffee Break****10:40 Block I of Scientific Presentations**Chair: *Tomasz Bońkowski*

- Numerical simulations of bus accident scenarios for safer transportation in Ghana  
*Jan Vychytil (UWB)*
- Comparative study of Virthuman model and Hybrid III performance in low-speed frontal impact and reclined posture  
*Abbas Talimian (UWB)*
- Computer simulation of injuries to a boy in the back seat of a passenger vehicle  
*Petr Pavlata (VCA)*
- Innovative crash box for interclass vehicle crashworthiness compatibility  
*Luděk Hynčík (UWB)*
- Panel Discussion  
*All Presenters of Block I*

**12:20 Lunch-Break****13:20 Block II of Scientific Presentations**Chair: *Ondřej Vaculín*

- Consolidation of existing state-of-the-art methods for creating automated accident sketches using drone photos  
*Alexander Hartmann (HM)*
- Towards Smarter Protection: Concept for Adaptive Occupant Safety Systems  
*Lennart Massarczyk and Lennard Reimers (THI)*
- Towards the passive safety assessment of rearward-sitting occupants  
*Ömer Dönmez (THI)*
- Application of VIVA+ for rearward-sitting occupants  
*Simona Klose (THI)*
- Tensegrity elements in a new design of motorcyclist helmet  
*Tomasz Bońkowski (UWB)*
- Panel Discussion  
*All Presenters of Block II*

**15:20 Wrap Up****15:40 Visit to NTC Facility**