

SENIORS



SAFETY ENHANCED INNOVATIONS FOR OLDER ROAD USERS

Closure

Marcus Wisch (BASt), Project Coordinator

What did we learn?

- First, SENIORS provides new tools, such as the FlexPLI-UBM and new methods, such as the simulation-based approach.
- Recommendation:
 - Use SENIORS results as basis / add-on for your research and consider them in consumer protection programmes and legislation.

What did we learn?

- Second, it is worth to proceed in biomechanical research including tests with PMHS and volunteers.
- Generic test tools can help to reduce the number of corresponding tests and facilitate harmonisation.
- A lot of data is available, hence enhanced data / statistical analysis methods should be considered.

What did we learn?

- Third, many open gaps and challenges remain, especially related to the development of HBMs and their validation.
- Required are:
 - Well-defined test and simulation matrices
 - Less restricting licensing models
 - Exchange of knowledge: THUMS, GHBM, Open Source

What did we learn?

- Fourth, the future demands changes. We can help:
 - Future of testing will likely consist of a combination of experimental tests and simulations.
 - A moderate speed frontal impact test would help to demand and introduce crash severity adaptive systems.
 - New test tools such as the TIPT and EATD support current research needs.
 - All this work is also the basis for Automated Driving.

Take-away messages

- Passive Vehicle Safety is indispensable and has still potential!
- Knowledge about accidents and biomechanics needs further enhancement!
- “Doing something is always better than doing nothing.”



Guest speakers

IRCOBI, in particular
Kai-Uwe and Dimitris

SENIORS partners



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For further information:

**Standing light dinner
until 8:30p.m.**



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