

UNECE IWG EqOP Task Force Virtual Crash-Testing

IWG EqOP - TF VCT; 2nd Workshop

Summary of workshop

- 1.) Building blocks identified in first workshop
- 2.) Current research on Virtual Testing
 - a.) NHTSA
 - b.) CATARC
 - c.) others (Euro NCAP, IIHS, HBM4VT,...)
- 3.) Discussion on requirements for virtual testing from contracting parties' view
- 4.) Discussion on strategies to enable virtual testing
- 5.) Definition of next steps

Building blocks under discussion



https://miro.com/app/board/uXjVNzajwm8=?share_link_id=474359906003

Next steps

1. *Define wording / glossary (starting point presented in the second workshop; to be refined during the work if needed)*
2. **Sketch General Process (to be discussed in next meeting on 12.4.2024)**
3. Definition of loadcases
4. Requirements for occupant simulation models (ATDs & HBM)
5. Requirements for vehicle model validation (Standards)
6. Processes to combine occupant and vehicle model to a simulation loadcase/scenario
7. Requirements for FE Software
 - a. Process for traceability of model changes and linked results
 - b. Process for running models at technical service
8. Requirements for outputs / documentation
9. Collaborations with other groups / experts?
 - Forum i.e. as policy lab
 - Cyber security
 - GRVA (e.g. R157)
 - SAR (specific absorption rate)
 - WP6 (Standardisation...)
 - Ask SAE to organise a workshop to better link with other disciplines?



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