

**Workshop of TF2 (WAD / rear-end impacts / seat performance)
of the IWG Equitable Occupant Protection, EqOP**

Place: Swedish Transport Agency
Isafjordsgatan 1, 164 40 Kista
Stockholm, Sweden

Date: 9 September 2024

Time: 10.00-17.00

Registration: to torbjorn.andersson@autoliv.com by 26 August 2024 at the latest.

Draft agenda:

1. Introduction (Pernilla Bremer, Swedish Transport Agency)
2. Short background to R17 and GTR7 (Presenter TBD)
3. Experiences from the European research project ADSEAT (Ines Levallois, FORVIA)
4. An approach to seatback load-taking evenness (Lotta Jakobsson, Volvo Cars)
5. Pressure Sensor Analysis of Interaction Between Occupant and Seatback (Marcy Edwards, IIHS)
6. Discussion on how to progress further on seat performance requirements (All)

Lunchbreak

7. Short introduction to optional dynamic test with BioRID in R17 and GTR7 (Presenter TBD)
8. Presentation of Euro NCAP mid-severity whiplash tests using SET 50F and 50 M in two different seats, moreover comparison of SET 50M and BioRID (Astrid Linder, VTI)
9. Practical part – SET 50F and 50M, together with the R16 manikin, will be on site seated in vehicle seats (Astrid Linder and Tommy Pettersson, VTI)
10. Presentation of results from a recent test series (Astrid Linder, VTI / Ines Levallois, FORVIA)
11. Small group discussions followed by presentations (All)
 - a. Experiences from today's workshop, practical part
 - i. Benefit of dynamic tests of seats; Benefit of two different sizes for assessment of seats; Position procedure and seat adjustment
 - b. Certification methods and tool
 - i. Requirements on SETs (ISO, MR1...)
12. Presentation of the FE-SET50F and 50M (Astrid Linder and Jobin John, VTI)
 - a. Discussion on using the FE-SETs in a virtual testing procedure
13. Conclusions and next steps of TF2 (All)