

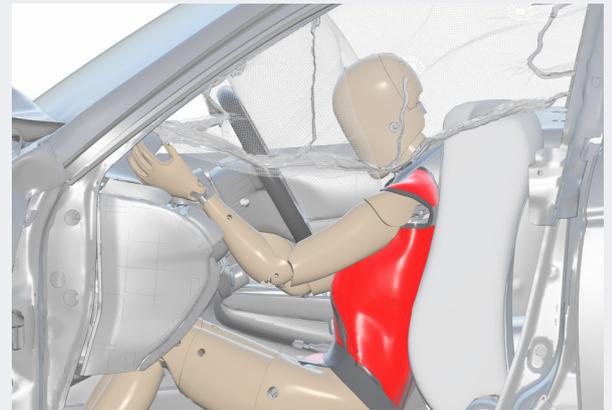
April 2022

# HUMANETICS CAE UPDATES



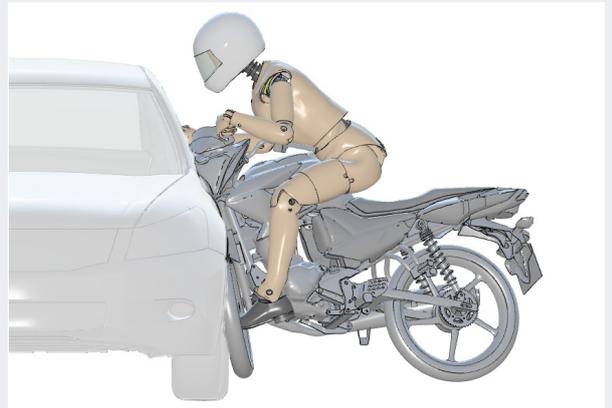
## THOR-5F

- Euro NCAP and US NCAP are planning to introduce THOR-5F into their roadmap
- [THOR-5F](#) is a new advanced ATD representing the 5th percentile small female anthropometry
- Superior biofidelity and injury measurement capabilities compared to the HIII-5F small female dummy
- [THOR-5F v1.0 FE model](#) is available with improved APTS, material updates and sled test validations



## POWERED TWO-WHEELER DUMMY

- Humanetics together with Autoliv have developed a [Powered Two-Wheeler Dummy](#)
- Based on the Hybrid III 50th Pedestrian ATD with specific design modifications to achieve postures and performance suitable for PTW applications
- PTW Dummy v1.0.4 FE model is available



## ADVANCED PEDESTRIAN LEGFORM IMPACTOR

### [aPLI SBL-B v1.2 Release](#)

- New tests and validation on Generic Vehicle Test Rig (GVTR)
- Further validation on inverse certification tests to meet certification corridors
- Additional material validation including SUBP rearward bumper component testing and validation
- Femur and tibia overload cables updated based on ISO decision

