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Human Body Models alive

The future in Safety Simulation

The importance of making advanced injury predictions for various regulatory and out-of-position load cases has increased, making Human Body Models (HBMs) an essential component in safety simulations of vehicle drivers, passengers, and other vulnerable road users such as pedestrians, cyclists, and motorists.

These simulation scenarios are feasible only with the use of highly efficient software capable of handling HBMs in an intuitive and accurate way, while maintaining high biofidelity. The software suite provided by BETA CAE Systems offers positioning, pre-processing, and post-processing toolsets for HBM models, suitable for both industrial and research use.

Don't miss out on:

- ANSA HBM Articulation Tool, for accurate and real-time positioning and articulation of all currently available HBMs.
- ANSA HBM Variants Tool, to create models with wide range of Body Mass Index (BMI) variations.
- ANSA Bike Configurator Tool, to generate vulnerable road user tests, including various bike configurations.
- HBM Post-Processing Tool, to calculate injury criteria and report kinematics for different body regions.

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