A Unified environment for processing test videos and Simulation models

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Throughout the development process of a complex structure such as a vehicle, simulation and testing are both present in almost all phases. Being able to use them efficiently and concurrently maximizes the benefit to the user, providing valuable information on identifying defects and avoiding errors and delays in the development chain.

Videos are very commonly used as test results especially in crash analyses. This presentation showcases a LS-Dyna FEA model and relevant real test videos simultaneously processed in META, the post-processor of BETA CAE Systems. It will be proven that META forms a single, unified, environment for detailed FEA model results processing as well as for complete video processing