Data Management in post-processing - An interactive dashboard for results management

A. Perifanis, S. Chatzikonstantinou

A key aspect of CAE activities is related to managing the vast amount of related data both in the pre processing as well as in the post processing phase. BETA CAE Systems has proceeded in the recent years with extending its pre-processing data management system, known as ANSA DM, to post-processing. Automated post-processing actions can be initiated from within the tool and the outcome (curves, tables/spreadsheets, videos, images) is automatically placed under the corresponding model and can be readily displayed through a viewer in either ANSA or META. Post-processing sessions can be parameterized and thus, stored as library items and can be applied easily to different models / runs. Overlaying and comparing results from different versions is also streamlined, based on associations that are built intrinsically between the different model runs and their results.

This demo will present the capabilities of ANSA DM related to post-processing through a use case.