

Meeting Date/Time: 10.01.2023 / 16:00

Participants: SCAI, HTW Berlin, DLR Institutes BT and FA, BETA CAE, BAM

Agenda:

1. Presentation by DLR Oliver Kunc
 - COMPLETE MODEL STORAGE – Use Case Gas Turbine Aero Engines
 - Requirement: cyclic Boundary Conditions
 - Request for Standardisation: Heat Convection Elements
 - Examples: using Ansys, Permas, Abaqus and Nastran models
2. Presentation by BETA CAE Thanasis Fassas
 - VMAP Format for a whole model
 - Common models for process chains and different CAE analysis
 - Detailed discussion on connection elements
 - Proposal for VMAP RBE and VMAP CNCT constructs
2. Discussion
 - Can VMAP handle all different modelling construct on a detailed 'discretisation' level - or should we do it better on a more abstract level?
3. Next Meeting April 18, 2023
 - UseCase Working Document – Contents and Contributors
 - Discussion – Initial (BETA's) proposal for a connector elements
 - Proposals for further participants