

Meeting Date/Time: 16.05.2024 / 11:00

Participants : FhG SCAI, BAM, DLR BT, BMW

Agenda:

1. VMAP IO Lib Testing

Integration of the Sensor Data Storage Specifications

Integration of Numerical Specifications discussed in the Full Model Working Group

Visualization of data sets using Paraview v5.12, 5.11, 5.10

Pre-build Python lib v3.9, 3.10, 3.11 for Windows.

Other prebuilds can be provided on request

Python v2.7 is provided for Abaqus Solver Users

Delivered 17 April 2024

Feedback was collected from all working group members.

2. Member Contributions – DLR “Extend list of useful model items for ‘numerical level’ standard”

DLR presented their extended suggestions for the boundary conditions integration in VMAP Standard.

3. Updates & News

VMAP SC plans to publish monthly newsletter. A draft version has already been prepared. Publish date soon.

4. NAFEMS DACH Conference 2024

VMAP Workshop Agenda:

16:20 Introduction

16:30 Technical Introduction

16:40 Data from measurement and sensor systems

17:00 Virtual and physical layout and validation of blow-forming processes

17:20 Ultra-sound guided waves in composites modelling

17:40 Open Discussion

18:00 End Exhibition: Get Together - Networking, discussion, expert talks with drinks and snacks

<https://www.nafems.org/events/nafems/2024/nafems-dach-regionalkonferenz-2024/vmap/>

5. Next Steps

June 2024, Assembly Meeting – Collecting Feedback

June 10-12, NAFEMS DACH - publish the VMAP Specs 2.0

Next Meetings will focus on boundary conditions:

- Preparation of Examples by all partners

- Format specifications for the boundary conditions
 - Instead of specific to parameters
- How to store the DOFs for the users?
 - DOFs aligning with a popular commercial software
- June 17, 2024, Meeting - SCAI will give an overview about BC in other solvers

6. Next Meeting [*third Monday each month*]

June 17, 2024, at 09:30 CEST