

Meeting Date/Time: 21.05.2024 / 10:00

Participants: FhG SCAI, Hagen Stiftung, DLR SY, FhG IZFP, University Patras

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. Short Presentation from IZFP

Delayed to July 2024.

3. Tracker File Presentation

SCAI presented details about handling multiple measurement & simulation files using text/.json based tracker files which hold only basic parameters of the HDF5 files.

4. VMAP SC plans to publish monthly newsletter

A draft version has already been prepared. Publish date soon.

5. 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/>

6. Next Steps

June 2024, Assembly Meeting – Collecting Feedback

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

June 18, 2024, Meeting: Short presentation from SICK AG

July 16, 2024, Meeting: Short presentation by IZFP on Use Case about comparison of Sensor & Simulation Data

7. Next Meeting

June 18, 2024, at 10:00 CEST