

Agenda

Tuesday, 24 February 2026		
10:00	Registration & Coffee/Snacks & Networking	
VMAP SC Status		
11:00	Welcome and Introduction <ul style="list-style-type: none"> • Feedback UGM25: focus on AM & semantics ... • Introduction to VMAP WG Activities 	VMAP SC
VMAP based Software Solutions		
11:30	VMAP IOlib, Wrappers and Format Converter	FhG SCAI
12:00	Explore your VMAP data with ParaView	Kitware
12:30	Using VMAP to visualize Moldflow results in Synera	Synera
13:00	Lunch	
VMAP and Semantic Concepts		
14:00	Digital Transformation in Materials Science: PMD Core Ontology (PMDco) – Patterns & Applications	BAM
14:30	Semantic Material Data for Simulation: A CAE-Neutral Framework Based on JSON, Knowledge Graphs, and VDA231-301	MatPlus
15:00	VMAP as Enabler: Expanding PMDco's Computational Scope and Shaping AAS Standards for Engineering Simulations	FhG IWM
15:30	MpCCI SIMS – Semantic Information Management based on VMAP Ontology Concepts	FhG SCAI
16:00	Coffee Break	
VMAP based Use Case Integration		
16:30	Enabling Digital Continuity in Virtual Manufacturing for Eco-Efficiency Assessment of Lightweight Structures by Means of a Domain-Specific Structural Mechanics Language	DLR SY
17:00	Application of the VMAP Standard in the Integrative Development and Optimization of Industrial Packaging	HSBRS
17:30	BASE: Digital Battery Passport: Common ontology concept for various systems	FhG SCAI
18:00	Drinks & Dinner	

Wednesday, 25 February 2026		
09:00	Registration & Coffee/Snacks & Networking	
VMAP for Additive Manufacturing		
9:30	Relevance of digitisation in the am field: How to build a seamless dataflow combining material, virtual engineering workflows and production data	Aimen
10:00	Common data exchange in additive manufacturing	amSight
10:30	AI-based path generation for additive manufacturing	Aerobase
11:00	In-process NDT and adaptive laser control for quality assurance of additively manufactured metallic components	SINTEF
11:30	Coffee Break	
VMAP Requirements and Strategy		
12:00	Smart CAE Data Analysis and Enhancement Requirements for VMAP	FhG SCAI
12:30	VMAP for AI: Standardizing High-Fidelity Training Data for Industrial Interoperability	NAFEMS
13:00	VMAP Strategy – Organizing Data for Analysis	VMAP SC
13:15	Lunch	
End of the Event		

****Agenda is subject to change****