

Automotive Material Intelligence Meeting

Munich Airport, Marriot Hotel

Tuesday 15 May

DRIVING MATERIAL INTELLIGENCE FOR THE ENTERPRISE

Wednesday 16 May (morning only)

PRACTICAL IMPLEMENTATION CHALLENGES



Get more from your materials

Material knowledge is often scattered throughout the organization. The digitalization of materials information is critical to your business.



Improve your Simulation, PLM and Design

Find out about best practice for delivering accurate, consistent materials data direct into your current engineering and simulation software.



Connect islands of material knowledge

How can a single source of materials information help you create better vehicles? Take time out to learn the importance of building "material intelligence".



Understand vital materials-related topics

Learn the essentials about materials selection, test data management, composites, light-weighting, restricted substances and additive manufacturing.



Make better materials decisions

Gain invaluable insight from those who have implemented materials information technology and used it to guide decision-making, driving innovation and reducing risk.



Hear from OEM, Tier 1s, and Partners

Meet industry speakers and engineering software experts as they share real project experience of how using materials information helps their businesses.

Who should attend?

Attribute Owners and Project Leaders of Interior, Exterior and Powertrain

Find out why material intelligence is an emerging strategic issue for Automotive OEMs and Tier 1s, and what other organizations are doing about it in the context of their business processes and PLM systems.

Managers responsible for Materials

See how other organizations maximize return on investment from materials testing and analysis, and deploy the results for greatest impact across their organizations.

Managers responsible for Simulation

See how other organizations avoid wasted time and investment in virtual product development, by ensuring swift access to reliable, traceable materials input data.

Innovation Teams

Hear about the latest materials technologies and vital information management support in areas such as Additive Manufacturing and Composites.

agenda

EUROPEAN AUTOMOTIVE MATERIAL INTELLIGENCE MEETING

DAY 1 (Tuesday, May 15) - DRIVING MATERIAL INTELLIGENCE FOR THE ENTERPRISE

For anyone with an interest in how automotive organizations can optimize materials-related activities through more effective use of materials information and knowledge.

Of particular value to senior managers and others involved in strategic decisions around materials technologies, product development process, and supporting IT.

10:00	Introductions and welcome		
10:15	Presentation: What is 'Material Intelligence' and why is it critical for Automotive enterprises?		
10:40	Industry case study presentation (Speaker TBC)		
11:10	COFFEE BREAK		
11:40	Industry case study presentation (Speaker TBC)		
12:10	Demonstration: Managing and applying materials data throughout the Automotive Product Lifecycle		
12:40	Discussion		
13:00	LUNCH		
14:00	Track 1: Business Processes and PLM	Track 2: Virtual Product Development	Track 3: Materials Challenges
14:10	Presentation/discussion: What is required to provide Materials support for PLM?	Presentation: How can we develop trusted materials input data for simulation?	Presentation: From test to design; how do we manage the materials data lifecycle?
14:40	Demonstration: Materials-enabling the Dassault Systemes 3DEXPERIENCE platform	Demonstration: Empowering ANSYS simulation with materials data	Demonstration: Managing the materials data lifecycle - maximum return for minimum risk
15:05	COFFEE BREAK		
15:35	Presentation: Materials information at GM, working with Teamcenter IMM from Siemens	Presentation/discussion: Challenges of deploying materials data for use in simulation	Meeting key materials challenges: lightweighting and support for composite technologies
16:00	Presentation: Enabling excellence in materials with PTC Windchill. Case study example.	Presentation: Materials support for interior design and visualization	Optimizing Additive Manufacturing
16:25	Presentation/discussion: Meeting regulatory challenges (e.g., restricted substances)	Discussion: Organizational and process challenges of adopting new methods	Discussion: Top challenges for materials groups in Automotive
16:50	SHORT BREAK		
17:00	Wrap up session and discussion: Implementation challenges		
17:30	CLOSE		
18:30 - 21:30	DRINKS RECEPTION & DINNER		

agenda

EUROPEAN AUTOMOTIVE MATERIAL INTELLIGENCE MEETING

DAY 2 (Wednesday, May 16) - **PRACTICAL IMPLEMENTATION**

Focus on best practice in the implementation of systems to build and manage corporate materials information.

Of particular value for managers, IT professionals, and senior engineers involved in or considering projects in this, or related, areas.

09:00	Introductions and welcome		
09:15	Presentation: What are the key implementation challenges?		
09:40	Industry case study presentation (Speaker TBC)		
10:10	COFFEE BREAK		
10:40	Track 1: PLM integration	Track 2: Support for simulation	Track 3: Materials information systems
10:50	Presentation/demonstration: Best practice technologies for integrating materials and PLM	Presentation/demonstration: Options for deploying materials data in simulation	Presentation/demo: Best practice tips from the Automotive Material Intelligence Consortium
11:35	Workshop session: Implementation challenges and how to overcome them	Workshop session: Ensuring accurate, traceable simulation results	Workshop session: Removing barriers in accessing and applying materials data
12:20	LUNCH		
13:20	CLOSE		

Register now



www.grantadesign.com/automeeting

