

# agenda

## THE 2018 MATERIAL INTELLIGENCE SEMINAR

Rolls-Royce, Derby  
October 16

This Seminar is open to anyone with an interest in materials information and its applications in areas including: additive manufacturing, materials engineering, the digital twin, product development, the supply chain, quality, purchasing, warranty, and meeting environmental and regulatory objectives. Share experiences with colleagues from other engineering enterprises, learn from members of the Environmental Materials Information Technology (EMIT) Consortium on how they mitigate materials-related substance risks, hear and discuss industry cases studies, and ask questions about the latest materials information technology and best practice.

<b>09:00</b>	Introductions ( <i>Dave Cebon, Granta Design</i> )	
<b>09:05</b>	Welcome from Rolls-Royce ( <i>Dr. Alan Partridge - Head of Materials Engineering, Rolls-Royce</i> )	
<b>09:20</b>	Agenda review ( <i>Andrew Reilly, Granta Design</i> )	
<b>09:30</b>	<b>Introducing Material Intelligence:</b> what can you achieve from a strategic approach to information on metals, plastics, and composites? ( <i>Rob Davis, Granta Design</i> )	
<b>09:50</b>	<b>Keynote presenter:</b> Industrial case study of material intelligence at Rolls-Royce ( <i>Amandeep Singh Mhay - Specialist Materials Data, Rolls-Royce</i> )	
<b>10:20</b>	COFFEE BREAK	
<b>10:45</b>	<b>Simulation and design case studies:</b> presentation from industry on materials data in the context of PLM and simulation ( <i>Stuart Baker, Granta Design</i> )	
<b>11:15</b>	CAD, CAE, PLM integration demonstration featuring the 3DEXPERIENCE platform from Dassault Systèmes ( <i>Steve Laine, Granta Design</i> )	
<b>11:25</b>	<b>Additive Manufacturing case study:</b> presentation from industry on how to secure and apply AM project knowledge ( <i>Andrew Girling, AWE</i> )	
<b>11:50</b>	Additive Manufacturing software demonstration ( <i>Dr. Steve Lainé, Granta Design</i> )	
<b>12:00</b>	<b>Restricted Substances case studies:</b> presentations from members of the EMIT Consortium on how they avoid and mitigate materials-related substance risks ( <i>Valérie Bilodeau, Pratt &amp; Whitney Canada, and Laura Wilkinson, Rolls-Royce</i> )	
<b>12:25</b>	Restricted Substances software demonstration ( <i>Ben Meyer, Granta Design</i> )	
<b>12:35</b>	LUNCH	
	<b>GRANTA MI Parallel session</b>	<b>CES Selector materials selection</b>
<b>13:35</b>	<b>Demonstration:</b> see the latest workflow tools and GRANTA MI apps in action ( <i>Dr. Steve Lainé, Granta Design</i> )	<b>Introducing smart materials selection:</b> the challenges and solution for making intelligent, informed, material decisions ( <i>Charlie Bream, Granta Design</i> )
<b>14:00</b>	<b>Implementation lessons:</b> considerations for successful materials information deployments ( <i>Rob Davis, Granta Design</i> )	<b>Industry case study:</b> Materials selection with CES Selector
<b>14:30</b>	Wrap-up discussion ( <i>Andrew Reilly, Granta Design</i> )	<b>Demonstration:</b> CES Selector in action ( <i>Charlie Bream, Granta Design</i> )
<b>15:00</b>	CLOSE OF SEMINAR	