

2018 Material Intelligence Seminar Agenda – March 13, 2018

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| 09:30 Registration and arrival refreshments | |
| 10:00 Welcome and seminar introduction | |
| 10:15 Industry Case Study | |
| 10:45 Developing your organisation's 'materials IQ': Could your organization be more effective in how it captures, manages, and applies materials knowledge? We'll introduce five factors to think about as you improve your company's material intelligence. We'll dig into these issues more throughout the day. | |
| 11:10 Coffee | |
| PARALLEL SESSION 1: | PARALLEL SESSION 2: |
| Informing Materials selection & conceptual design | Building up your organization's material intelligence |
| 11:40 Introductions: Roundtable introductions | 11:40 Introductions: Roundtable introductions |
| 11:50 Demonstration: Using materials to innovate and evolve products | 11:50 Demonstration: From testing to design – managing the material data lifecycle |
| 12:15 Discussion: Introducing new materials – what are the challenges? How do we avoid them? | 12:15 Discussion: Barriers to effective materials data management, and how to remove them |
| 12:35 Lunch | |
| 13:30 Industry case study | 13:30 Industry case study |
| 13:55 Demonstration: Finding a drop-in replacement for an existing product | 13:55 Demonstration: Insight, innovation and qualification for advanced applications e.g., additive manufacturing, composites |
| 14:15 Discussion: Responding to supply-chain issues – how can we minimize disruption? | 14:15 Discussion: What is your number one challenge introducing new technology and materials? Can a specialized information management system help? |
| 14:35 Coffee | |
| PARALLEL SESSION 3: | PARALLEL SESSION 4: |
| Reducing regulatory and environmental risk | Enterprise-wide material intelligence |
| 15:00 Demonstration: Minimizing regulatory and environmental risk for materials, specifications, designs and products | 15:00 Demonstration: Adoption of materials information systems and consistency in material definitions – integration with PLM, CAD, and CAE |
| 15:25 Discussion: Where do you see substance-related risks in your business? | 15:25 Discussion: What are the key requirements for materials data and tools across the company? |
| 15:45 Closing round table discussion: what were the key lessons from today? | |
| 16:10 Seminar closes. Coffee and opportunity for informal discussion | |