



# FULL AGENDA OVERVIEW: MON-WED

GMT	MONDAY SME GROWTH Agility – Performance – Scale	TUESDAY SMART FACTORY Inside the factory	WEDNESDAY DIGITAL TRANSFORMATION Entire value chain
09.30 – 10.00	<b>Digital Manufacturing Week Keynote – The Cobra Beer Story</b> Lord Karan Bilimoria CBE, President, CBI	<b>Digital Manufacturing Week Keynote – Ethical Leadership in Manufacturing</b> Jessica Leigh Jones MBE, Multi-award-winning Engineer and Astrophysicist	<b>Digital Manufacturing Week Keynote – Customer Experience</b> Chris Garthwaite, Managing Director, CGA Experience
10.30 – 12.00	IfM Masterclass: Sustainability	IfM Masterclass – Low cost digital manufacturing	IfM Masterclass: Strategic Approaches to Digitalisation
13.00 – 14.00	<b>Manufacturing Leaders' Summit Keynotes</b> • Manufacturing Made Smarter as a key lever to our nation levelling up • Exploring the Art of the Impossible	<b>Manufacturing Leaders' Summit Keynotes</b> • Industry 4.0 – The great Manufacturing reset • Net Zero: the other industrial revolution	<b>Manufacturing Leaders' Summit Keynotes</b> • Supply chain digitalisation: Driving the transition • Accelerating Manufacturing Innovation: 5G Factory of the Future Programme
14.00 – 14.45	<b>Manufacturing Leaders' Summit Discussion Rooms:</b> • Sustainable Manufacturing – Circularity • People and Skills – Talent Acquisition • <b>Workshop:</b> Manufacturing 2050	<b>Manufacturing Leaders' Summit Discussion Rooms:</b> • Augmented reality / VR • Connectivity and 5G • ERP	<b>Manufacturing Leaders' Summit Discussion Rooms:</b> • Business systems Resilience and Flexibility • AI & Machine Learning • Future Factory
15.15 – 16.00	<b>Manufacturing Leaders' Summit Discussion Rooms:</b> • Operational Excellence • Scalability – Accelerating Performance • Commercial Agility for Manufacturers during Resurgent crisis	<b>Manufacturing Leaders' Summit Discussion Rooms:</b> • Secure Manufacturing – Cyber Security • Systems Integration • New Business Models	<b>Manufacturing Leaders' Summit Discussion Rooms:</b> • Implementing Industry 4.0 • Operational Excellence • Agile & Resilient Supply Chains
16.00 – 17.00	<b>Manufacturing Leaders' Summit Keynotes:</b> • Economic Outlook for SMEs • Current KTN Strategy & Development for SME Support <b>Panel:</b> • Creating Effective Support Mechanisms for SMEs	<b>Manufacturing Leaders' Summit Panel:</b> • How will Smart manufacturing reshape your organisation? • What infrastructure needs to be in place? <b>&amp; Keynote:</b> Factory of the Future	<b>Manufacturing Leaders' Summit Panel:</b> How AI Disrupts Business Models <b>&amp; Keynote:</b> AI in Manufacturing
17.30 – 18.00	<b>Digital Manufacturing Week Keynote – Why women dont go onto study STEAM</b> – Ruth Amos	<b>Digital Manufacturing Week Keynote – The Future of Technology and Humanity</b> Amber Case, Cyborg Anthropologist	<b>Digital Manufacturing Week Keynote – Reimagining Human Flight</b> Richard Browning, Founder and Chief Test Pilot, Gravity Industries
18.00 – 19.30	IfM Masterclass: Sustainability	IfM Masterclass: Low Cost Digital Manufacturing <b>The Manufacturer Directors' Forum Round Table: Resilient Supply Chains</b>	IfM Masterclass: Strategic Approaches to Digitalisation <b>The Manufacturer Top 100 2020 Ceremony</b>

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# FULL AGENDA OVERVIEW: THU-SUN

GMT	THURSDAY MANUFACTURING INNOVATION Future Strategy Unleashed	FRIDAY MADE SMARTER EMERGING TECH SHOW Disruptors & Emerging Tech	SATURDAY - SUNDAY DIGITAL MANUFACTURING WEEK On Demand
09.00 - 10.00	<b>Digital Manufacturing Week UK Economic Keynote</b> - Andrew Sentance CBE British Business Economist, former member of the Monetary Policy Institute	<b>Digital Manufacturing Week Keynote</b>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Manufacturing Leaders' Summit Keynotes, Panels, Discussion Room replays on demand</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">Digital Manufacturing Week Keynotes, Smart Factory Expo Solutions Arena Presentation replays on demand</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">Made Smarter Emerging Technology Show Solutions Arena Presentation replays on demand</p>
10.30 - 12.00	<b>IfM Masterclass: Technology &amp; Innovation Management</b>	<b>IfM Masterclass: IoT for Senior Management</b>	
12.00 - 12:30	<b>Keynote: Changing the status quo in manufacturing - Revolution not Evolution</b>	<p><b>Made Smarter Emerging Technology Show Solutions Arenas:</b></p> <ul style="list-style-type: none"> <li>• Additive Manufacturing</li> <li>• Immersive and Simulation</li> <li>• Robotics and Automation</li> <li>• IOT and Connectivity</li> <li>• AI, ML and Data Analytics</li> <li>• Other Technology</li> </ul>	
13.00 - 14.00	<b>Manufacturing Leaders' Summit Keynotes</b> TBC	<p><b>Made Smarter Emerging Technology Show Exhibition Hall</b></p> <p><b>Made Smarter Emerging Technology Show Exhibition Hall</b></p>	
14.00 - 14.45	<b>Manufacturing Leaders' Summit Discussion Rooms:</b> <ul style="list-style-type: none"> <li>• Sustainable Manufacturing</li> <li>• Factory Automation</li> <li>• Predictive Maintenance</li> </ul>	<p><b>Digital Manufacturing Week Networking Lounge</b></p> <ul style="list-style-type: none"> <li>• Manufacturing Innovation Connect</li> <li>• Sustainability Connect</li> </ul>	
15.15 - 16.00	<b>Manufacturing Leaders' Summit Discussion Rooms:</b> <ul style="list-style-type: none"> <li>• Additive Manufacturing and 3D Printing</li> <li>• Workforce Culture</li> <li>• Advanced Analytics</li> </ul>	<p><b>Made Smarter Emerging Technology Show Workshop:</b> Manufacturing 2050</p>	
16.00 - 17.00	<b>Manufacturing Leaders' Summit Panel</b> <ul style="list-style-type: none"> <li>• Organisational Culture and Buy-in for an Innovation Culture</li> </ul> <p><b>Keynote:</b></p> <ul style="list-style-type: none"> <li>• The Future of Manufacturing</li> </ul>		
17.30 - 18.00	<b>Digital Manufacturing Week Keynote - Innovation for an Inclusive Economy</b> - Dr Hayaatun Sillem CBE Chief Executive, Royal Academy of Engineering	<b>IfM Masterclass: IoT for Senior Management</b>	
18.00 - 19.30	<b>IfM Masterclass: Technology &amp; Innovation Management</b>		
	<b>Digital Manufacturing Week DIGITAL WINE-DOWN™</b> Exclusive Wine Tasting + Networking Experience		

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<b>GMT</b>						
<b>10.30 - 12.00</b>	Masterclass <i>Application only.</i>	<p><b>Finding opportunities for circular transformation in the lifecycle of your products</b> Ian Bamford, Commercial Director, Centre for Industrial Sustainability, <b>Institute for Manufacturing, Cambridge University</b></p>				
<b>12.00 - 13.00</b>		Lunch / Smart Factory Expo / Meetings & Networking				
<b>13.00 - 14.00</b>	Plenary	<p><b>CHAIR:</b> Rosa Wilkinson, Director of Communications, <b>High Value Manufacturing Catapult</b></p>	<p><b>KEYNOTE: Manufacturing Made Smarter as a key lever to our nation's levelling up</b> Juergen Maier, Co-Chair, Made Smarter &amp; Board Member, Industrial Strategy Council &amp; Chair, <b>Digital Catapult</b></p>	<p><b>KEYNOTE: Exploring the Art of the Impossible</b> Asif Moghal, Senior Industry Manager, Design &amp; Manufacturing, <b>Autodesk</b></p>	<p><b>Live audience Q&amp;A</b></p>	
<b>14.00 - 14.45</b>	Discussion Rooms/ Workshop	<p><b>Sustainable Manufacturing - Circularity</b> Simon Locke, Former Head of Manufacturing Engineering, <b>Dyson</b></p>	<p><b>People and Skills - Talent Acquisition</b> Mandy Ridyard, Managing Director, <b>Produmax</b>   Dan Kirkpatrick, Director and Head of Customer Success, <b>Hunter</b></p>	<p><b>Workshop: Manufacturing 2050</b> Dr Nik Watson, Associate Professor, Faculty of Engineering, University of Nottingham, <b>Connected Everything</b>   Professor Fiona Charnley, Associate Professor of Circular Economy and Co-Director Exeter Centre for the Circular Economy, <b>Exeter University</b></p>		
<b>14.45 - 15.15</b>		Break / Smart Factory Expo / Meetings & Networking				
<b>15.15 - 16.00</b>	Discussion Rooms	<p><b>Operational Excellence</b> Carl Haycock, UK Printer Operations Director &amp; Group Manufacturing Excellence and Health &amp; Safety, <b>Domino Printing Sciences plc</b></p>	<p><b>Scaleability - Accelerating Performance</b> Paul Moss, Business Development Director, <b>Intergage</b></p>	<p><b>Commercial Agility for Manufacturers during Resurgent Crisis</b> Peter Colman, Partner &amp; Shareholder   Xi Bing Ang Senior Director, <b>Simon-Kucher &amp; Partners</b></p>		
<b>16.00 - 17.00</b>	Plenary	<p><b>CHAIR:</b> Rosa Wilkinson, Director of Communications, <b>High Value Manufacturing Catapult</b></p>	<p><b>KEYNOTE: Economic Outlook for SMEs</b> Lee Hopley, Deputy Director, Research Partnerships, <b>The ERC</b></p>	<p><b>KEYNOTE: Current KTN Strategy &amp; Development for SME Support</b> Dr Alicia Greated, Chief Executive Officer, <b>KTN</b></p>	<p><b>PANEL: Creating Effective Support Mechanisms for SMEs</b> Marlini Finney, Managing Director, <b>Challs International</b>   Thang Vo-Ta, CEO &amp; Co Founder, <b>Callaly</b>   Simon Reid, Head of Advanced Manufacturing at <b>Growth Platform</b>   Lee Hopley, Deputy Director, Research Partnerships, <b>The ERC</b></p>	<p><b>Live audience Q&amp;A</b></p>
<b>17.00 - 18.00</b>		Break / Smart Factory Expo / Meetings & Networking				
<b>18.00 - 19.30</b>	Masterclass <i>Application only.</i>	<p><b>Finding opportunities for circular transformation in the lifecycle of your products</b> Ian Bamford, Commercial Director, Centre for Industrial Sustainability, <b>Institute for Manufacturing, Cambridge University</b></p>				

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# AGENDA: MONDAY SME GROWTH

Agility - Performance - Scale

Content for  
All Passes & Tickets

GMT	Smart Factory Expo Solutions Arenas				Smart Factory Expo Exhibition	Digital Manufacturing Week Networking Lounge
	HVMC Leadership & Strategy	Business & OT Transformation	SAGE Scaling Digital for Competitive Advantage	Capacity Planning & Productivity		
9.30 - 10.00	<b>Digital Manufacturing Week Keynote - The Cobra Beer Story</b> Lord Karan Billimoria CBE, President, CBI				<p style="text-align: center;"><b>EXHIBITION</b></p> <p>(stand visits, meetings, on demand views of previously broadcast content)</p>	<p style="text-align: center;"><b>FACE-TO-FACE CONNECTS:</b></p> <p>10.45 - 11.15 • Aerospace 14.45 - 15.45 • Electronics 17.00 - 17.30 • Mechanical/Industrial Engineering</p> <p style="text-align: center;"><b>24/7 NETWORKING CHAT THEMES:</b></p> <ul style="list-style-type: none"> <li>• Aerospace</li> <li>• Electronics</li> <li>• Mechanical/Industrial Engineering</li> </ul>
10.00 - 10.15 & 14.00 - 14.15	<p style="text-align: center;"><b>Net Zero Manufacturing</b></p> <p>Sam Turner, Chief Technology Officer, High Value Manufacturing (HVM) Catapult</p>	<p style="text-align: center;"><b>The Time for Digitisation is Now</b></p> <p>Robert Sinfield, Vice President Global Marketing, <b>Sage</b></p>	<p style="text-align: center;"><b>Making smart steps towards the future of manufacturing</b></p> <p>Mark Hughes, Regional Vice President, UK &amp; Ireland, <b>Epicor Software</b></p>	<p style="text-align: center;"><b>Realise the full potential of your production capabilities using advanced data analytics and simulation</b></p> <p>Andrew Wright, Partner: Supply Chain &amp; Network Operations, <b>Deloitte</b>   Duncan Boyd, Senior Manager: Supply Chain &amp; Network Operations, <b>Deloitte</b></p>		
10.15 - 10.30 & 14.15 - 14.30		<p style="text-align: center;"><b>An end to end software solution or just the end?</b></p> <p>Tracey Dawson, Managing Director, <b>Daletech</b></p>		<p style="text-align: center;"><b>"It will never happen to me" - How resilient is your supply chain?</b></p> <p>Chris Benton, <b>TBC</b></p>		
10.30 - 10.45 & 14.30 - 14.45	<p style="text-align: center;"><b>Growing Team's effectiveness by implementing High Performing Culture</b></p> <p>Agata Choma, Head of Operations, <b>Woodlands Group</b></p>		<p style="text-align: center;"><b>How HP Multi-Jet Fusion really works - see inside the technology and discover how it really is rocket science!</b></p> <p>Maryam Qureshi, UK&amp;I Applications Engineer for 3DP, <b>HP Inc</b></p>	<p style="text-align: center;"><b>How modern MRP (Material Requirements Planning) can enable LEAN philosophy within purchasing and production, all via a single screen.</b></p> <p>Tony Pottle, Business Development Manager, <b>Exel Computer Systems plc.</b></p>		
10.45 - 11.15 & 14.45 - 15.15	Break / Exhibition / Meetings					
11.15 - 11.30 & 15.15 - 15.30	<p style="text-align: center;"><b>TBC - Stephen Clarke, Head of Communications, Terracycle</b></p>		<p style="text-align: center;"><b>Solutions oriented presentation</b></p> <p>TBC, <b>Visual Components</b></p>	<p style="text-align: center;"><b>A State of Readiness</b></p> <p>Joseph Paris, Founder, <b>Operational Excellence Society</b></p>		
11.30 - 11.45 & 15.30 - 15.45	<p style="text-align: center;">Visit the virtual booths in Smart Factory Expo, watch previously broadcast Solutions Arena content on demand, connect with your peers in the Digital Manufacturing Week Networking Lounge</p>		<p style="text-align: center;"><b>Leveraging competitive intelligence to boost business growth and win market share</b></p> <p>Paul Moss, Business Development Director, <b>Intergage</b></p>			
11.45 - 12.00 & 15.45 - 16.00			<p style="text-align: center;"><b>Preparing for Growth and Opportunity: What a Single Enterprise and Resource Planning System offers a growing SME manufacturing businesses</b></p> <p>Deborah Welby, Sales and Commercial Director, <b>Enapps</b></p>	<p style="text-align: center;">Visit the virtual booths in Smart Factory Expo, watch previously broadcast Solutions Arena content on demand, connect with your peers in the Digital Manufacturing Week Networking Lounge</p>		
12.00 - 12.15 & 16.00 - 16.15	<p style="text-align: center;"><b>Inspiring Digital Breakthrough</b></p> <p>Steven Barr, Managing Director, <b>Edge Digital</b></p>	<p style="text-align: center;"><b>Retrofitting sensors: Digital Manufacturing for Legacy Equipment</b></p> <p>Warwick Manufacturing Group</p>	<p style="text-align: center;"><b>How to capture real time data from the factory floor that will drive double digit gains in efficiency and productivity</b></p> <p>Rod Schregardus, Consultant, <b>Access UK Ltd</b></p>			
12.15 - 12.30 & 16.15 - 16.30	<p style="text-align: center;"><b>Solutions oriented presentation</b></p> <p>Chris Courtney, Challenge Director Manufacturing, <b>Made Smarter</b></p>	<p style="text-align: center;"><b>Vertical Aerospace Reaches to The Cloud for ERP</b></p> <p>Tom Brennan, Chief Marketing Officer, <b>Rootstock Software</b>   Steven Baxter, Head of Programmes, <b>Vertical Aerospace</b></p>	<p style="text-align: center;"><b>Factory Design &amp; Layout</b></p> <p>Asif Moghal, Senior Industry Manager, Design &amp; Manufacturing, <b>Autodesk</b></p>			
17.30 - 18.00	<p style="text-align: center;"><b>Digital Manufacturing Week Keynote: Why women don't go on to study STEM</b></p> <p>Ruth Amos, Award Winning Engineer and Inventor</p>					

<b>GMT</b>					
<b>10.30 - 12.00</b>	Masterclass <i>Application only.</i>	<p><b>An implementation focussed approach</b> Liz Salter, Industrial Associate, <b>IfM Education and Consultancy Services</b></p>			
<b>12.00 - 13.00</b>		Lunch / Smart Factory Expo / Meetings & Networking			
<b>13.00 - 14.00</b>	Plenary	<p><b>CHAIR:</b> Steven Barr, Managing Director <b>Edge Digital</b></p>	<p><b>KEYNOTE: Industry 4.0 – the great Manufacturing reset</b> Henrik von Scheel, Industry 4.0 Originator</p>	<p><b>KEYNOTE: Net Zero: the other industrial revolution</b> Dan Meredith, Policy Expert, <b>E.On Energy Solutions</b></p>	<p><b>Live audience Q&amp;A</b></p>
<b>14.00 - 14.45</b>	Discussion Rooms	<p><b>Connectivity &amp; 5G</b> Tim Lawrence, Partner, <b>Edge Digital</b>   John Deykin, Director, <b>Deykin Ltd</b></p>	<p><b>Augmented Reality / VR</b> Thomas Bohné, Head of the Cyber-Human Lab, <b>Institute for Manufacturing, University of Cambridge</b>   Paul Haimes, Vice President, Europe Technical Sales, <b>PTC</b></p>	<p><b>Are you harnessing the full power of your ERP Systems?</b> Juan Villa, Systems Integration Manager, <b>SEM</b> Adrian Bird, Partner, ERP lead for Manufacturing, UKI, <b>IBM UK Limited</b></p>	
<b>14.45 - 15.15</b>		Break / Smart Factory Expo / Meetings & Networking			
<b>15.15 - 16.00</b>	Discussion Rooms	<p><b>Systems Integration</b> Rashitha Jayasekara, Digital Manufacturing Manager, <b>Rolls Royce</b></p>	<p><b>Secure Manufacturing – Cyber Security</b> Daniel Idczak, Head of IT Global Infrastructure, <b>GKN Automotive</b></p>	<p><b>New Business Models</b> Gianmarco Brunetti, Product Strategy &amp; Planning Manager, <b>Jaguar Land Rover</b> ,   Philip Boyle, General Manager UK/I, <b>Mirakl</b></p>	
<b>16.00 - 17.00</b>	Plenary	<p><b>CHAIR:</b> Steven Barr, Managing Director <b>Edge Digital</b></p>	<p><b>PANEL: How will Smart manufacturing reshape your organisation? What infrastructure needs to be in place?</b> Nick Davis, Industry 4.0 Leader, <b>Deloitte</b>   John Walsh Senior Strategic Account Manager, <b>E.ON</b>   Duncan McFarlane, Professor of Industrial Informational Engineering, <b>Institute for Manufacturing, University of Cambridge</b></p>	<p><b>KEYNOTE: Factory of the Future</b> Andy Schofield, Manufacturing &amp; Materials Strategy and Technology Director – Air, <b>BAE Systems</b></p>	<p><b>Live audience Q&amp;A</b></p>
<b>17.00 - 18.00</b>		Break / Smart Factory Expo / Meetings & Networking			
<b>18.00 - 19.30</b>	Masterclass <i>Application only.</i>	<p><b>An implementation focussed approach</b> Liz Salter, Industrial Associate, <b>IfM Education and Consultancy Services</b></p>			

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# AGENDA: TUESDAY SMART FACTORY

Inside the Factory

Content for  
All Passes & Tickets

GMT	Smart Factory Expo Solutions Arenas				Smart Factory Expo Exhibition	Digital Manufacturing Week Networking Lounge
	CISCO Leadership & Strategy	HP Lean Manufacturing	FANUC Robotics & Cobots	HARTING Industrial Automation		
9.30 - 10.00	<b>Digital Manufacturing Week Keynote: Ethical Leadership in Manufacturing</b> Jessica Leigh-Jones, MBE, Multi-award-winning Engineer and Astrophysicist and Co-Founder and CEO of <b>iungo Solutions Limited</b>				<b>EXHIBITION</b> (stand visits, meetings, on demand views of previously broadcast content)	
10.00 - 10.15 & 14.00 - 14.15		<b>How to Link Lean to Digital Manufacturing</b> Brenna Sniderman, Center for Integrated Research Leader, <b>Deloitte</b>	<b>Does UK manufacturing need more robots or cobots?</b> Mike Wilson, Chief Automation Officer, <b>Manufacturing Technology Centre</b>			
10.15 - 10.30 & 14.15 - 14.30	<b>All you need to know about Enterprise Augmented Reality!</b> Mark Sage, Executive Director, <b>The AREA</b>	<b>Problem Solving culture with customer at the heart</b> Agata Choma, Head of Operations <b>Woodlands Group</b>				
10.30 - 10.45 & 14.30 - 14.45	<b>Solutions oriented presentation</b> TBC, Cobalt Blue		<b>Mobile Robotics, the evolution of factory intralogistics for the 4IR</b> Dan Rossek, Marketing Manager, <b>Omron</b>	<b>Flexible and Adaptive Digital Manufacturing</b> Richard Gould, Sales Manager, <b>MetLase</b>		
10.45 - 11.15 & 14.45 - 15.15	<b>Break / Exhibition / Meetings</b>					
11.15 - 11.30 & 15.15 - 15.30	<b>Piecing together the Smart Factory jigsaw</b> Professor Rab Scott, Head of Digital, <b>AMRC, part of HVM Catapult</b>	<b>Visit the virtual booths in Smart Factory Expo, watch previously broadcast Solutions Arena content on demand, connect with your peers in the Digital Manufacturing Week Networking Lounge</b>		<b>How harnessing the power of digitalisation addresses the challenges of sustainability, individualisation and demographic change and creates opportunities for today's leading manufacturers.</b> Nigel Dawson, Head of Business Development for Electric Automation, <b>Festo</b>		
11.30 - 11.45 & 15.30 - 15.45			<b>The future of investment in production given an ever increasing reliance on the digital &amp; IoT age</b> Oliver Selby, Business Development Manager - Robotics, <b>FANUC UK Ltd</b>	<b>How simulation software can support your Industrial Automation journey step by step</b> Steve Morris, Country Manager, UK & I, <b>Visual Components</b>		
11.45 - 12.00 & 15.45 - 16.00	<b>Ambitious, focused, and innovative: 7 lessons from the Hidden Champions</b> Peter Coleman, Partner & Shareholder, <b>Simon Kucher</b>		<b>Machining with robots to overcome manufacturing challenges</b> Philippa Gover, Managing Director, <b>CNC Robotics</b>			
12.00 - 12.15 & 16.00 - 16.15		<b>Lean and Six Sigma, Reality or Myth?</b> Joseph Paris, Founder, <b>Operational Excellence Society</b>				
12.15 - 12.30 & 16.15 - 16.30	<b>Smart Factory – How and where to start</b> Mark Yeeles, VP of Industrial Automation, UK&I, <b>Schneider Electric</b>			<b>Supply Chain Collaboration &amp; Innovation</b> Nigel Haigh, Supply Chain Manager, <b>Manufacturing Technology Centre</b>		
17.30 - 18.00	<b>Digital Manufacturing Week Keynote: We are all Cyborgs now</b> Amber Case, <b>Cyborg Anthropologist</b>					<b>FACE-TO-FACE CONNECTS:</b> 10.45 - 11.15 • Automotive 14.45 - 15.45 • Chemicals 17.00 - 17.30 • Food & Drink  <b>24/7 NETWORKING CHAT THEMES:</b> • Automotive • Chemicals • Food & Drink

<b>GMT</b>				
<b>10.30 - 12.00</b>	<b>Masterclass</b> <i>Application only.</i>	<b>Strategic approaches to digitalisation</b> Dr Nicky Athanassopoulou, Head of Solution Development, IfM Education and Consultancy Services		
<b>12.00 - 13.00</b>		Lunch / Smart Factory Expo / Meetings & Networking		
<b>13.00 - 14.00</b>	<b>Plenary</b>	<b>CHAIR:</b> Gerard Bartley, Former Master Data Manager, <b>Jacobs Douwe Egberts</b>	<b>KEYNOTE: Supply chain digitalisation: Driving the transition</b> Dr Jagjit Singh Srai, Head, Centre for International Manufacturing, <b>Institute for Manufacturing, University of Cambridge</b>	<b>KEYNOTE: Accelerating Manufacturing Innovation: 5G Factory of the Future Programme</b> Charles Lupton, Head of Industrial Sectors - Industry Solutions UK, <b>IBM UK Limited</b>
				<b>Live audience Q&amp;A</b>
<b>14.00 - 14.45</b>	<b>Discussion Rooms</b>	<b>Business Systems Resilience</b> Nigel Pearce, Director Digital Manufacturing, <b>Rolls Royce</b>   Giles Walker Data Platform Modernisation Offering Lead UKI, <b>Avanade</b>	<b>Future Factory</b> Sarah Black-Smith, Head of Factory Operations, <b>Siemens</b>   Nick Davis, Industry 4.0 Leader, <b>Deloitte</b>	<b>AI and Machine Learning</b> Hassan Khalid, Data Scientist, <b>GSK</b>   Michael Gleaves Deputy Director, <b>STFC Hartree Centre</b>
<b>14.45 - 15.15</b>		Break / Smart Factory Expo / Meetings & Networking		
<b>15.15 - 16.00</b>	<b>Discussion Rooms</b>	<b>Implementing Digital Transformation</b> Claire Holt, Business and Partnerships Development, <b>Hosokawa Micron Ltd</b>   Asif Moghal Senior Industry Manager, Design & Manufacturing, <b>Autodesk</b>	<b>Operational Excellence</b> Richard Lloyd General Manager, European Supply Chain & Operations, <b>Accolade Wines</b>   Sven Strassburg Industry Solutions Architect, Europe, <b>IBM UK Limited</b>	<b>Agile and Resilient Supply Chains</b> Mateusz Chudy, Supply Chain Manager, <b>Cetes Cosmetics</b>   Andrew Kinder, SVP International Strategy, <b>Infor</b>
<b>16.00 - 17.00</b>	<b>Plenary</b>	<b>CHAIR:</b> Gerard Bartley, Former Master Data Manager, <b>Jacobs Douwe Egberts</b>	<b>PANEL: How AI disrupts business models</b> Rob Evans, Digital Operations Director, <b>PwC</b>   Hassan Khalid, Data Scientist, <b>GSK</b>   Bala Amavasai, Lead AI Architect & Head of AI, <b>Stanley, Black &amp; Decker</b>	<b>KEYNOTE: AI in Manufacturing</b> Bala Amavasai, Lead AI Architect & Head of AI, <b>Stanley, Black &amp; Decker</b>
				<b>Live audience Q&amp;A</b>
<b>17.00 - 18.00</b>		Break / Smart Factory Expo / Meetings & Networking		
<b>18.00 - 19.30</b>	<b>Masterclass</b> <i>Application only.</i>	<b>Strategic approaches to digitalisation</b> Dr Nicky Athanassopoulou, Head of Solution Development, IfM Education and Consultancy Services		

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# AGENDA: WEDNESDAY DIGITAL TRANSFORMATION

Agility - Performance - Scale

Content for  
All Passes & Tickets

GMT	Smart Factory Expo Solutions Arenas				Smart Factory Expo Exhibition	Digital Manufacturing Week Networking Lounge
	INVEST LIVERPOOL Leadership & Strategy	TREND MICRO IoT & Connected Factories	OPENTEXT Enterprise Platform Technologies	HP Machine Learning & AI		
9.30 - 10.00	<b>Digital Manufacturing Week Keynote - Future of Customer Experience</b> Chris Garthwaite, Managing Director, CGA Experience					
10.00 - 10.15 & 14.00 - 14.15	<b>Connected Manufacturing and Industry Trends</b> Peter van den Houten, Industrial IoT Product Specialist, <b>Cisco</b>	<b>Microsoft for Manufacturing: Empowering manufacturers to make things happen</b> Josef Waltl, Principle Group Program Manager, IIoT/Manufacturing, <b>Microsoft</b>	<b>The Eight Elements Needed to Manufacturer Extraordinary Customer Experiences</b> David Campbell, Vice President, Product Marketing, <b>SugarCRM Inc.</b>	<b>Capture value from your data by harnessing the power of Optimum Manufacturing AI</b> Christopher Jenkins, Product Manager, <b>E.ON Energy Solutions</b>	<b>EXHIBITION</b> (stand visits, meetings, on demand views of previously broadcast content)	<b>FACE-TO-FACE CONNECTS:</b> 10.45 - 11.15 • Digital Transformation 14.45 - 15.45 • Continuous Improvement 17.00 - 17.30 • Digital Transformation
10.15 - 10.30 & 14.15 - 14.30	<b>How to simplify business processes and empower your employees</b> TBC, <b>E.ON</b>	<b>Spectrum Security Issues within the Manufacturing Sector,</b> Hazel Biggs, Knowledge Transfer Manger, <b>KTN</b>	<b>Building manufacturing resilience through Industry 4.0</b> Paul Calver, IET Manufacturing Policy Panel and Global Strategy Specialist, <b>Calvco Limited</b>			
10.30 - 10.45 & 14.30 - 14.45	<b>Leading digital innovation</b> Julian Smith, Strategy - Business Development, <b>Columbus</b>	<b>Better Understand how to Support Your Organisation's Digital Manufacturing Capability</b> Mark Fuller, Business Consultant, <b>QAD</b>	<b>Using Information Management to harness data and build manufacturing and supply chain resilience in disruptive times</b> - Tom Leeson, Senior Industry Marketing Strategist, <b>Open Text Corp.</b>	<b>Monetization using AI &amp; Machine Learning: 3 commercial opportunities to grow revenues and profit</b> Xi Bing Ang, <b>Simon Kucher</b>		
10.45 - 11.15 & 14.45 - 15.15	<b>Break / Exhibition / Meetings</b>					
11.15 - 11.30 & 15.15 - 15.30	<b>Build greater adaptability and resilience in your Supply Chain with an AI powered Control Tower</b> Roger Needham, Senior Supply Chain Consultant, <b>IBM Sterling Solutions</b>	<b>Demystifying what a Smart factory is and lesson learnt from implementing a smart factory</b> Helena Lisachuk, & Nick Davis, <b>Deloitte</b>   Pugal Janakiraman, Amazon Web Services, <b>Deloitte</b>	<b>Maximise productivity, improve collaboration and reduce the impact of errors by leveraging Enterprise Platform Technologies</b> Simon Eaves, PLM Technical Consultant, <b>Symetri</b>	<b>Solutions oriented presentation TBC</b> <b>Machine and AI, AMRC</b>		
11.30 - 11.45 & 15.30 - 15.45	<b>Digital Playbook - the how</b> TBC, <b>Cranfield University</b>	<b>Convergence of IT and OT: Protecting interconnected systems to improve efficiency</b> Bharat Mistry, Principal Security Strategist, <b>Trend Micro</b>				
11.45 - 12.00 & 15.45 - 16.00	<b>When things go wrong ... is your overseas manufacturing facility protected by an international investment treaty?</b> Kate Brown de Vejar, Partner & Global Co-Chair of International Arbitration, <b>DLA Piper LLP</b>	<b>Benefits of a Modular Smart Factory</b> Kevin Canham, Product & Applications Manager, <b>HARTING Ltd</b>	<b>Visit the virtual booths in Smart Factory Expo, watch previously broadcast Solutions Arena content on demand, connect with your peers in the Digital Manufacturing Week Networking Lounge</b>	<b>AI in Manufacturing Production: Challenges and Opportunities</b> Dr Mostafizur Rahman, Technical Specialist for Data and Information Systems, <b>Manufacturing Technology Centre</b>		
12.00 - 12.15 & 16.00 - 16.15		<b>How to turn your IoT data into valuable insights and transform the efficiency of your manufacturing operations</b> Russ McKay, IBM Executive IT Specialist and Solution Architect, AI Applications, Europe, <b>IBM UK Limited IBM</b>		<b>Generative Design</b> Joshua Best, Technical Sales Specialist, <b>Autodesk</b>		
12.15 - 12.30 & 16.15 - 16.30	<b>Leadership &amp; Strategy - Using the Power of Data to help you Adapt, Survive &amp; Thrive</b> Brendan Abbott, Head of Business Services, Retail & Travel, <b>Experian</b>	<b>How to Create Scalable and Successful Factory IoT Solution - Case Study Stora Enso</b> Pertti Kujala, Director, Thingsee Smart Factory Solutions, <b>Haltian</b>		<b>The Digital Engineer: A industry 4.0 buzzword or essential for success with AI?</b> Edward Noel, Industry 4.0 & IIOT Lead, <b>RapidMiner</b>		
17.30 - 18.00	<b>Digital Manufacturing Week Keynote: Reimagining Human Flight</b> Richard Browning, Founder and Chief Test Pilot, <b>Gravity Industries</b>					



<b>GMT</b>	<b>Masterclass</b> <i>Application only.</i>	<b>Maximising strategic value from technology and innovation: Focus your resources in uncertain times</b> Rob Munro, Industrial Associate, IfM Education and Consultancy Services		
<b>10.30 - 12.00</b>				
<b>12.00 - 12.30</b>	<b>Panel</b>	<b>KEYNOTE: Changing the status quo in manufacturing – Revolution not Evolution</b> John Robinson, Strategic Business Development, SAP		
<b>12.30 - 13.00</b>	<b>Lunch / Smart Factory Expo / Meetings &amp; Networking</b>			
<b>13.00 - 14.00</b>	<b>Plenary</b>	<b>CHAIR:</b> Tim Lawrence, Partner, Edge Digital	<b>KEYNOTE: TBC</b> Roger Gorman, Founder, CEO, ProFinda.com	<b>KEYNOTE: TBC</b> Clive Hickman, Chief Executive, MTC (Manufacturing Technology Centre)
		<b>Live audience Q&amp;A</b>		
<b>14.00 - 14.45</b>	<b>Discussion Rooms</b>	<b>Sustainable Manufacturing</b> Olivia Whitlam, Head of Sustainability, Siemens   John Walsh Senior Strategic Account Manager, E.ON	<b>Factory Automation – Smart Connected Operations</b> Suresh Daniel, Data & Architecture Integration Director, Coats   Nicholas Leeder, Vice President, Digital Transformation Solutions Field, PTC	<b>Predictive Maintenance</b> Alexander Brandham, Group Leader Assembly Maintenance: Control Engineering, Tooling & Digitalisation, BMW   Adela Cioroiu, Manufacturing Specialist Consultant, Kearney
<b>14.45 - 15.15</b>	<b>Break / Smart Factory Expo / Meetings &amp; Networking</b>			
<b>15.15 - 16.00</b>	<b>Discussion Rooms</b>	<b>Workforce Culture</b> Helen Steele, Culture Evolution Team & Louise Holmes, Culture Evolution Team, Airbus	<b>Advanced Analytics</b> Andrew Wall, Head of Technical Data Management UK (Space Systems), Airbus Defence & Space   Dr Ajith Parlikad, Reader in Asset Management, Institute for Manufacturing, University of Cambridge	<b>Additive Manufacturing &amp; 3D Printing</b> Richard Almond, MAIT Lead Product Engineer – Additive Manufacturing and Antennas, Airbus Defence & Space
<b>16.00 - 17.00</b>	<b>Plenary</b>	<b>CHAIR:</b> Tim Lawrence, Partner, Edge Digital	<b>PANEL: Organisational Culture and Buy-in for an Innovation Culture</b> Asif Moghal, Senior Industry Manager, Design & Manufacturing, Autodesk   Nikolaos Sepsas, Strategy Industrial & Supply Chain PMO, Ferrero   Jon Sackett, Head of Business Intelligence CS&T UK, Leonardo	<b>KEYNOTE: The Future of Manufacturing</b> Professor Tim Minshall, Head of the Institute for Manufacturing and Dr John C Taylor Professor of Innovation, Institute for Manufacturing, University of Cambridge
		<b>Live audience Q&amp;A</b>		
<b>17.00 - 18.00</b>	<b>Break / Smart Factory Expo / Meetings &amp; Networking</b>			
<b>18.00 - 19.30</b>	<b>Masterclass</b> <i>Application only.</i>	<b>Maximising strategic value from technology and innovation: Focus your resources in uncertain times</b> Rob Munro, Industrial Associate, IfM Education and Consultancy Services		

Access to Manufacturing Leaders' Summit content requires an Access All Areas Ticket (£145/ 145/ \$185 - Manufacturers only).

# AGENDA: THURSDAY INDUSTRIAL INNOVATION

Future Strategy Unleashed

Content for  
All Passes & Tickets

GMT	Smart Factory Expo Solutions Arenas				Smart Factory Expo Exhibition	Digital Manufacturing Week Networking Lounge
	Leadership & Strategy	MTC Product Innovation	People	Process		
9.30 - 10.00	<b>Digital Manufacturing Week</b> Keynote: <b>UK Economics</b> Andrew Sentance CBE, Senior Adviser, Cambridge Econometrics & Former Member of the Government's Monetary Policy Committee				<b>EXHIBITION</b> (stand visits, meetings, on demand views of previously broadcast content)	<b>FACE-TO-FACE CONNECTS:</b> 10.45 - 11.15 • Manufacturing Innovation 14.45 - 15.45 • Sustainability 17.00 - 17.30 • Manufacturing Innovation
10.00 - 10.15 & 14.00 - 14.15	<b>INNOVATE UK Net Zero</b> <b>Opening Remarks and Introduction</b> Amy Peace, Innovation Lead – Circular Economy, <b>Innovate UK</b>	<b>Product Innovation by Additive Manufacturing</b> Andrew Triantaphyllou, Technical Specialist, <b>Manufacturing Technology Centre</b>	<b>Smart Factory and the Future of Work</b> Luke Monck, Smart Operations Future of Work Leader, <b>Deloitte</b>   Declan Watson, Partner, HR Transformation, <b>Deloitte</b>			
10.15 - 10.30 & 14.15 - 14.30	<b>Keynote: Innocent drinks – Route to carbon zero</b> Chris Fielden, Group Supply Chain Director, <b>Innocent Ltd</b>	<b>Manufacturing Machines and Materials</b> Mamta Singha, <b>IET Council Member</b>	<b>Turning your Covid Anchors into Innovation Rockets; can you find prosperity in a pandemic?</b> Sarah Ellis Agile & Project Framing Specialist, <b>Airbus</b>	<b>How to simplify business processes and empower your employees</b> Rob Jeffs, Process Improvement Leader, <b>Rolls-Royce Submarines Ltd</b>		
10.30 - 10.45 & 14.30 - 14.45	<b>Sustainable and Circular MTC</b>	<b>Quality Assurance TBC</b> TBC, <b>Cranfield University</b>		<b>Decentralised Manufacturing – Rapidly Deployable Smart Factories</b> Barry Maybank & Mike Wilson & Dr Seb Giudice, <b>Manufacturing Technology Centre</b>		
10.45 - 11.15 & 14.45 - 15.15	<b>Break / Exhibition / Meetings</b>					
11.15 - 11.30 & 15.15 - 15.30	<b>Operationalizing the Net Zero &amp; Sustainability Agenda in Manufacturing</b> , Yelena Ageyeva-Furman, <b>Partner, Kearney</b>	<b>Hydrogen – Fuelling a Cleaner Future</b> Cranston Polson, CEO, <b>H2H Energy</b>		<b>Pharmaceutical manufacturing and Medtech – opportunities for digital</b> TBC, <b>Invest Liverpool</b>		
11.30 - 11.45 & 15.30 - 15.45	<b>Re-imagining “supply chains” – the concepts and technologies for a sustainable manufacturing future</b> Adrian Segens, Consultant, <b>placemaker.tech</b>	<b>Design is Everything</b> David Wright, IET Design and Production Sector Deputy Chair and Director of Strategic Initiatives, <b>Coventry University, IET Design and Production Sector</b>	<b>Lander Employee Development and Engagement Story</b> Anita Davenport-Brooks, People, Culture & Compliance Manager, <b>Lander</b>	<b>Hosokawa Micron Ltd: Our Manufacturing Digital Journey</b> Claire Holt, Business and Partnerships Development, <b>Hosokawa Micron Ltd</b>		
11.45 - 12.00 & 15.45 - 16.00	<b>Committing to net zero</b> Andy Clifton, Global Sustainability Manager, <b>Rolls-Royce</b>			<b>Continuous Improvement</b> TBC, <b>CPI</b>		
12.00 - 12.15 & 16.00 - 16.15	<b>Live panel Q&amp;A</b> Amy Peace, <b>Innovate UK</b> ; Yelena Ageyeva-Furman, <b>Kearney</b> ; Adrian Segens, <b>placemaker.tech</b> ; Andy Clifton, <b>Rolls Royce</b>	<b>Keynote: Industrial Innovation</b> Gordon Macrae, Special Projects Manager, <b>Gripple</b>	<b>Building Resilience through Adversity – an insight into the resilience required in professional sport and how to apply these learnings to business?</b> Francesca Halsall, Brand Ambassador, <b>Trust Hunter Former international swimmer, representing GB in the 2008 2012 and 2016 Olympic Games</b>	<b>Helping Deluxe Beds (Manufacturing) to Sleep Easy: A Case Study of Agile Project Management – Management Innovation using SCRUM</b> Sammar Javed, Research Associate, <b>Manchester Metropolitan University, UK</b>		
12.15 - 12.30 & 16.15 - 16.30		<b>Supply Chain Collaboration &amp; Innovation</b> Dr Hannah Edmonds, Chief Engineer, <b>Manufacturing Technology Centre</b>		<b>Solutions oriented presentation</b> TBC		
	<b>Leadership &amp; Strategy</b>					
17.30 - 18.00	<b>Digital Manufacturing Week Keynote: Innovation for an Inclusive Economy</b> Dr Hayaatun Sillem CBE, Chief Executive, <b>Royal Academy of Engineering</b>				<b>24/7 NETWORKING CHAT THEMES:</b> • Manufacturing Innovation • Sustainability • Manufacturing Innovation	



**MADE  
SMARTER  
EMERGING  
TECHNOLOGY  
SHOW**

**AGENDA COMING SOON**

# AGENDA: FRIDAY

## MADE SMARTER EMERGING TECH SHOW

### Distributors & Emerging Tech

Content for  
All Passes & Tickets

GMT	Made Smarter Emerging Tech Show Solutions Arenas					
	IoT and Connectivity	Immersive and Simulation	Robotics and Automation	AI, ML and Data Analytics A	AI, ML and Data Analytics D	Additive Manufacturing
10.00 - 10.15 & 14.00 - 14.15	<b>Promoting the adoption of IoT in manufacturing via the Pitch-In project</b> Dr Alexandra Brintrup, Head of Manufacturing Analytics Research		<b>How tactile sensing enables robotic dexterity, to improve efficiency and productivity in real environments</b> Heba Khamis, CEO and Co-founder, <b>Contactile</b>		<b>SCM Blockchain and AI based Platform for asset tracking and sustainability monitoring</b> Paulo Carneiro, Director, <b>StanRocc</b>	<b>3D Printing for custom mass manufacturing</b> Sarah Karmel, Head of Chemistry, <b>Photocentric Limited</b>
10.15 - 10.30 & 14.15 - 14.30	<b>The Future of Smart Buildings Through Open Connectivity and Integration of Building Management Systems</b> Oliver Newman, Cloud Solutions Engineer, <b>Pulse Systems LTD</b>		<b>VIKASO Virtual Strategy: Accelerate Cobot Automation</b> Vaibhav Boricha, Director, <b>VIKASO LTD</b>		<b>Breaking the Proof of Concept Cycle: How to Approach Predictive Maintenance</b> Eric Topham, Data Science Director & CEO, <b>The Data Analysis Bureau</b>	<b>Digital Supply Chain for Spare Parts based on 3D printing</b> Irma Gilbert, Director, E4-3D Engineering, <b>Additive Manufacturing Ltd.</b>
10.30 - 10.45 & 14.30 - 14.45	<b>Smart Buildings – Flexing for the Future</b> Matthew Roberts, CTO, <b>Binary Forge Solutions</b>		<b>How to automate your training process, simplify compliance and reduce your training overhead</b> Sam Briggs, Managing Director, <b>Starling Solutions Ltd.</b>		<b>EBR in the cloud can deliver rapid and agile digitisation of pharma batch records and deliver huge compliance and efficiency benefits</b> Neil Wetherall, Managing Director, <b>Factorytalk Limited</b>	<b>Additive Casting – 130 metals</b> Jon Wright, Technical Manager, <b>Enable Manufacturing Ltd</b>
10.45 - 11.15 & 14.45 - 15.15	<b>Break / Exhibition / Meetings</b>					
11.15 - 11.30 & 15.15 - 15.30	<b>Rheology measurement in-line in real-time</b> Andrea Pisoni, CEO, <b>Rheality</b>			<b>The necessity for Advanced Analytics in the Manufacturing Sector</b> Andrew Gordon, Senior Data Scientist, Advanced, <b>Analytics Labs</b>	<b>Gaining Value From Quality Inspection and Forecasting Using InstantML Within Existing IT infrastructure</b> Mike Thomas, UK Director, <b>Tangent Works</b>	
11.30 - 11.45 & 15.30 - 15.45	<b>Lab Automation, Digitalisation and Smart Manufacturing</b> Richard Willingham, Business Development Management, <b>Applied Scientific Technologies</b>			<b>Introduction to Indentation Plastometry and Industrial Applications</b> James Dean, Chief Executive Officer, <b>Plastometrex</b>	<b>Rainey MAPAL Showcase Industry 4.0 enabling Tool Management Software with AI powered tool wear indicator</b> Matti Maier, IT Manager, <b>c-Com GmbH</b>	
11.45 - 12.00 & 15.45 - 16.00	<b>Digital Walk and Digital Run – How to get started in the world of IoT...</b> Deyrick Allen, Managing Director, <b>IoT Horizon Limited</b>	<b>Creating Performance Improvements and Efficiency Gains Through Augmented Reality</b> Mark Sage, Executive Director, <b>The AREA</b>			<b>Robotics and Automation (Vision AI) – Object Recognition in Manufacturing</b> Alberto Rizzoli, CEO, <b>V7</b>	
12.00 - 12.15 & 16.00 - 16.15	<b>Extracting Operational Intelligence from hardware devices, without the need for additional experts</b> Silas Adekunle, Co-Founder, CEO, <b>Reach Industries</b>	<b>Gamification in Industry</b> Andy Sands, Director, <b>Imagin3D</b>		<b>Machine Learning for Predicting Plastic, Metal and Energy Prices</b> Tristan Fletcher, CEO & Co-Founder, <b>ChAI</b>	<b>Is your supply chain truly connected?</b> Tristan Whitehead, Founder and CEO, <b>Enspan Innovations</b>	
12.15 - 12.30 & 16.15 - 16.30	<b>Presentation by EMSpectrum Innovation Network</b>	<b>Revolutionize the Design Process for an Automotive Company</b> Mary Anrigo, Technical Sales Consultant, <b>Mechdyne Europe Ltd</b>		<b>Residual stress in AM</b> Anas Achouri, CEO, <b>DONAA</b>	<b>The power of objective, like-for-like performance reporting</b> Mahesh De Zoysa, Co-Founder, <b>Spot Works Ltd</b>	
12.30 - 12.45 & 16.30 - 16.45	<b>How to increase operational resilience by reducing cyber risk of operational technology</b> James Sandrone, Head of Industrial (OT) Cyber, <b>Awen Collective</b>	<b>Made Smarter Innovation Hubs Professor</b> Sam Turner, Chief Technology Officer, <b>High Value Manufacturing (HVM) Catapult</b>		<b>Generalised AI and AIoT for Smart Factories and Flexible Manufacturing</b> Alex Kotelnikov, CEO and Co-Founder, <b>Turation</b>	<b>Watch if you capture quality data on paper; apply lean to supply chain; or your customer asks you to go digital</b> Derek Silby, CEO, <b>Vos Voco</b>	
13.30	<b>Made Smarter Innovation Hubs</b> Professor Sam Turner, Chief Technology Officer, <b>High Value Manufacturing (HVM) Catapult</b>			<b>Made Smarter Innovation Hubs</b> Professor Sam Turner, Chief Technology Officer, <b>High Value Manufacturing (HVM) Catapult</b>		

