



Manufacturing
Technology Centre

Digitising Manufacturing 2016 *Policy, End Users & Society*

Tuesday 15th November 2016
Lloyds Bank Advanced Manufacturing
Training Centre, Coventry

08:30	Registration and exhibition opens	
09:00	Opening and welcome	
	Welcome	<i>Ken Young, MTC</i>
	'The Fourth Industrial Revolution' - impact & opportunities for manufacturing in the UK	<i>Keynote speaker TBC</i>
09:20	Session one: Policy	
	German Policy on 'Industrie 4.0' The digital transformation of manufacturing industry in Germany	<i>Ernst Stöckl-Pukall Head of Referat IV A 5 (I4.) Industrial Policy, Germany Ministry of Economics</i>
	Production 2030 - Digitalisation of Swedish Industry Objectives, initiatives and mechanisms	<i>Cecilia Warrol Director, 'Production 2030'</i>
	National stakeholder platform for the UK Overview & objectives	<i>Tom Egan Digital Engineering & Digital Manufacturing Leadership Group</i>
10:15	Coffee Break	
10:30	Session two: Work environment, education and training	
	Challenges and new skills needed	<i>Alan Norbury, Siemens UK</i>
	<ul style="list-style-type: none"> Challenges Where can the new skills come from? The 'Junior Factory' - a real world training environment 	<i>Tim Jones, Siemens 'Junior Factory'</i>
	Best practice in training environments for Digital Manufacturing Job profiles, training content and methodology (why, what, how)	<i>Ruediger Walther, Bosch Rexroth Academy</i>
	A UK view on the societal challenges of the Fourth Industrial Revolution	<i>Tim Page, TUC Senior Policy Officer</i>
	Q & A session	<i>Ken Young, MTC</i>
	Parallel session 1: Technology workshops	<i>ATS & HPE</i>
	Parallel session 2: Tour of the Advanced Manufacturing Training Centre (AMTC) - training in Digital Manufacturing	<i>Paul Rowlett, Advanced Manufacturing Training Centre</i>
12:15	Lunch	
13:00	Session three: Implementation	
	How can Digital Manufacturing be delivered in SMEs and MidCaps	<i>Lina Huertas, Strategy Lead, Digital Engineering, MTC</i>
	Success story: Implementation through an industry cluster approach - 'It's OWL' (Intelligent Technical Systems OstWestfalen Lippe)	<i>Martin Rabe, Senior Project Manager, 'It's OWL'</i>
	UK Success Story: Engineering and business integration at Hayward Tyler	<i>Martin Clocherty Hayward Tyler</i>
	Q & A session	<i>Ken Young, MTC</i>
	Parallel session 1: Technology workshops	<i>ATS & HPE</i>
	Parallel session 2: Tour of the Advanced Manufacturing Training Centre (AMTC) - training in Digital Manufacturing	<i>Paul Rowlett, Advanced Manufacturing Training Centre</i>
14:30	Coffee Break	
15:00	Session four: Standardisation and Reference Architectures	
	UK approach to standardisation (market driven) and international collaboration activities	<i>Ben Sheridan, BSI</i>
	RAMI - Reference Architecture for Manufacturing Industry 'From a German to a European model?'	<i>Martin Hankel, Bosch Rexroth</i>
	Approach the standardisation from a UK industry perspective	<i>Steve Brambley, GAMBICA</i>
	OPC - a global standardisation initiative	<i>Stefan Hoppe, Global Vice President & President Europe, OPC Foundation</i>
	Q & A session	<i>Ken Young, MTC</i>
16:30	Wrap up session	
	Summary of the day, final comments and a look forward	<i>Ken Young, MTC</i>
16:45	Close, networking and drinks	

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