08:30 Registration and exhibition opens
09:00 Opening and welcome
Welcome
Ken Young, MTC
‘The Fourth Industrial Revolution’ - impact & opportunities for manufacturing in the UK
Kenichi Sakakibara TBC
09:20 Session one: Policy
German Policy on ‘Industrie 4.0’
The digital transformation of manufacturing industry in Germany
Ernst Stöckl-Pukall
Head of Referat IV.A 5 (I4.)
Industrial Policy, Germany
Ministry of Economics
Production 2030 - Digitalisation of Swedish Industry
Objectives, initiatives and mechanisms
Cecilia Warrol
Director, ‘Production 2030’
National stakeholder platform for the UK
Overview & objectives
Tom Gigan
Digital Engineering & Digital Manufacturing Leadership Group
10:15 Coffee Break
10:30 Session two: Work environment, education and training
Challenges and new skills needed
- Challenges
- Where can the new skills come from?
- The junior factory - a real world training environment
Alan Norbury, Siemens UK
Tim Jones, Siemens ‘Junior Factory’
Best practice in training environments for Digital Manufacturing
Job profiles, training content and methodology (why, what, how)
Ruediger Walther, Bosch Rexroth Academy
A UK view on the societal challenges of the Fourth Industrial Revolution
Tim Page, TUC Senior Policy Officer
Q & A sessions
11:45 Lunch
12:15 Session three: Implementation
How can Digital Manufacturing be delivered in SMEs and MidCaps
LinckHuebert, Strategy Lead, Digital Engineering, MTC
Success story: Implementation through an industrial cluster: "OWL" - The Digital Engineering (Intelligent Technical Systems OstWestfalen Lippe)
Albert Helfer, Senior Project Manager, TUC’s ‘OWL’
UK Success Story: Engineering and Business Integration at Hayward Tyler
Albert Cleverly, Hayward Tyler
Q & A sessions
13:15 Coffee Break
13:30 Session four: Standardisation and Reference Architectures
UK approach to standardisation (market driven) and international collaboration activities
Ben Onderick, BSI
SIMA - Reference Architecture for Manufacturing Industry
‘From a German to a European model?’
Albert Hoek, Bosch Rexroth
Approach the standardisation from a UK industry perspective
Dave Shipton, Global OPC Foundation
OPC - a global standardisation initiative
Deirdre Hipkiss, Global Vice President and Executive Director, OPC Foundation
Q & A sessions
14:30 Wrap up session
Summary of the day, final comments and a look forward
Ken Young, MTC
14:45 Close, networking and drinks