

DIGITALISING MANUFACTURING CONFERENCE 2018

GRASPING THE OPPORTUNITY
LEADING CHANGE AND CAPITALISING
ON THE BENEFITS ACROSS INDUSTRY

29 - 30TH OCTOBER

MTC, COVENTRY, CV7 9JU



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Welcome to Digitalising Manufacturing 2018

DIGITAL MANUFACTURING IS HERE – NOW IS THE TIME TO GRASP THE OPPORTUNITY.

Our flagship, two-day conference returns for 2018 and features a diverse agenda of presentations, workshops, panel discussions, digital manufacturing demonstrators and networking opportunities.

One year on from Prof. Juergen Maier's launch of the Made Smarter Review at last year's conference, where do we stand and what has changed in the manufacturing world? We are delighted to welcome Prof. Maier back to the MTC as headline speaker for this year, as we discover how the Made Smarter vision is becoming a reality.

The opening day will examine policy, international collaboration and learning, and skills and the work environment, while day two will focus on how to drive digitalisation in your business. The programme has been designed to help you explore the policy driving the digital era, as well as providing key information and know-how for those looking to be part of this must-do technological revolution.

A key focus of the conference is to engage industry, particularly SMEs, in the digital revolution and to provide practical knowledge and support to get businesses primed for the digital journey.

To that end, on day two we will be running interactive workshops on each of our key themes:

- ▶ Asset utilisation
- ▶ Quality
- ▶ New business models
- ▶ Flexibility and time to market
- ▶ Labour and human-centred work environments

Led by MTC experts, the workshops will provide practical guidance for end users. Delegates will have the opportunity to learn from real world use cases and the experiences of people and companies who have been there and done it. These will be interactive sessions where delegates can speak directly with the experts and share best practice.

Parallel sessions will play a key role on day two. There will be one in the morning and a second in the afternoon, and each session is made up of a number of breakout presentations, tours and seminar sessions running simultaneously:

- ▶ Technology presentations from our gold sponsors:
 - ▶ ATS
 - ▶ DXC Technology
 - ▶ Omron
 - ▶ OutSystems
- ▶ Tour of the MTC's Advanced Manufacturing Training Centre

Since we will have two parallel sessions taking place on day two, you will have the opportunity to attend both a technology presentation from one of our gold sponsors, as well as tour the state-of-the-art facilities here at the MTC.

We would also like to make delegates aware that photography and filming will be taking place throughout the conference.

We hope you enjoy the conference and find the sessions informative and valuable.

DAY ONE: LEADING CHANGE

13:00 Registration and coffee

13:30 Welcome to the conference

Welcome to the conference and opening

*Dr. Clive Hickman,
Chief Executive, MTC*

13:35 Keynote speech

Made Smarter - one year on

*Prof. Juergen Maier,
Chief Executive, Siemens plc*

13:50 Progress in Digital Manufacturing – the UK national perspective

Chair: Prof. Juergen Maier, Chief Executive, Siemens plc

Panellists:

- ▶ Marcus Burton, Vice President, MTA & Director, Yamazaki Mazak
- ▶ Stephen Phipson, Chief Executive, EEF "The Manufacturers' Organisation"
- ▶ Prof. Sam Turner, Chief Technology Officer, High Value Manufacturing Catapult

14:20 Keynote speech

International industry perspective

*Marcus Burton, Vice
President, MTA & Director,
Yamazaki Mazak*

14:30 Panel One: Progress in Digital Manufacturing – International collaboration and learning

Chair: Prof. Juergen Maier, Chief Executive, Siemens plc

- ▶ Ernst Stöckl-Pukall; Germany, German Ministry of Economics
Head of Referat IV A 5 (Industrie 4.0) Industrial policy
- ▶ Ennio Chiatante; Italy, "Piano Impresa 4.0"
COMAU, Head of Digital Transformation
- ▶ Valentina Ivanova; France, "Industrie du Futur"
Trilateral cooperation WG "Engagement of SMEs and test beds"
- ▶ Faouzi Grebici; Japan, "Industrial Value Chain Initiative"
Senior Global Business Development, Omron
- ▶ Abraham Tijerina-Priego; Mexico; "Nuevo Leon 4.0"
Strategy Coordinator, Nuevo Leon
- ▶ Chris White; UK, "Institute for Industrial Strategy"
Director "Institute for Industrial Strategy", King's College London

15:40 Coffee break

16:10 Keynote speech

Digitalisation - an inclusive opportunity?

*Paul Rowlett,
Managing Director, MTC
Advanced Manufacturing
Training Centre*

16:25 Panel Two: Progress in Digital Manufacturing –
Skills and the work environment - individuals and society

Chair: Prof. Juergen Maier, Chief Executive, Siemens plc

- ▶ Martin Kamp; Germany
“Work, Education and Training” Plattform Industrie 4.0, IG Metall
- ▶ Anu Kull; Estonia
Ministry of Economic Affairs and Communications
- ▶ Morten Dalsmo; Norway
Chair - Governmental Committee for Digitalisation, Director - Sintef Digital
- ▶ Dominic Gorecky; Switzerland
Representative “Kanton Bern” and “Smart Factory” CH
- ▶ Alejandro Nieto; Mexico
Softtek, Vice President Global Sales
- ▶ Stephen Phipson; UK
EEF, Chief Executive

17:35 Summary of the day

Summary, conclusions and actions

*Prof. Juergen Maier, Chief Executive, Siemens plc
Dr. Lina Huertas, Chief Technologist - Technology Strategy, MTC*

18:00 Day one close

18:30 Networking reception

DAY TWO: CAPITALISING ON THE BENEFITS ACROSS INDUSTRY

08:30 Registration and coffee

09:00 Welcome to the conference

Welcome

*Dr. Lina Huertas,
Chief Technologist -
Technology Strategy, MTC*

Chair for the day

*Dr. Steven Barr, Managing
Director, Edge Digital*

09:10 Keynote speech

09:20 Industrial presentations: session one

09:20 Asset utilisation

*Iain Crosley, Managing
Director, Hosokawa-Micron*

09:40 Quality

*Desi Bacheva, Customer
Validation Lead, HiETA*

10:00 New Business Models

*Peter Corby, Relationship
Manager, MTC*

10:20 Q&A

10:30 Coffee break

10:50 Technical workshops & tour: session one

Gold sponsors technology presentations:

- ▶ ATS Global – Meeting room 2
 - ▶ DXC Technology – Meeting room 8
 - ▶ OMRON – Meeting room 1
 - ▶ OutSystems – Meeting room 7
- ▶ Tour of the Advanced Manufacturing Training Centre
Delegates are invited to meet in reception for the tour.

11:20	Industrial presentations: session two	
11:20	Flexibility and Digital Manufacturing	<i>Kostantinos Efthymiou, AR&T Technical Architect, Meggitt PLC</i>
11:40	Labour and human-centred work environments	<i>MTC Advanced Manufacturing Training Centre</i>
12:00	Digital Readiness Level (DRL) – bringing clarity to Digital Manufacturing	<i>Prof. Sam Turner, Chief Technology Officer, High Value Manufacturing Catapult Simone Pereira, Project Manager, DRL</i>
12:20	Q&A	
12:30	Technical workshops & tour: session two	
Gold sponsors technology presentations:		
<ul style="list-style-type: none"> ▶ ATS Global – Meeting room 2 ▶ DXC Technology – Meeting room 8 ▶ OMRON – Meeting room 1 ▶ OutSystems – Meeting room 7 		
<ul style="list-style-type: none"> ▶ Tour of the Advanced Manufacturing Training Centre <i>Delegates are invited to meet in reception for the tour.</i> 		
13:00	Lunch	

13:45 Interactive workshops

- ▶ **Asset utilisation** - Moderator: Nandini Chakravorti, Technology Manager – Data & Information Systems, Manufacturing Technology Centre
Location: Meeting room 1 [AMTC 1st floor]
- ▶ **Quality** - Moderator: Evangelos Chatzivagiannis, Senior Research Engineer – Metrology, Manufacturing Technology Centre
Location: Lecture theatre
- ▶ **New business models** - Moderator: Hannah Edmonds, Technical Specialist – Digital Engineering, Manufacturing Technology Centre
Location: Meeting room 7 [AMTC 1st floor]
- ▶ **Flexibility and time to market** - Moderator: David Esparza-Felix, Technology Manager – Business & Factory Optimisation, Manufacturing Technology Centre
Location: Meeting room 8 [AMTC 1st floor]
- ▶ **Labour and human-centred work environments** - Moderator: Martin Dury, Training Operations Manager, MTC Advanced Manufacturing Training Centre
Location: Meeting room 2 [AMTC 1st floor]

15:10 Coffee break

15:20 Innovation pitches

Entrepreneurs, technologists and inventors get the chance to pitch their innovative ideas on factory digitalisation to the conference. We'll hear pitches from:

- ▶ Elements Technology Platforms
- ▶ MM IT Group
- ▶ Mouldbox
- ▶ ProGlove

15:40 What have we learned?

Moderator: Dr. Steven Barr, Managing Director, Edge Digital

Feedback session:

- ▶ Workshops – highlights, concerns and conclusions
- ▶ Q&A session
- ▶ Wrap up, the way forward and concluding remarks

16:30 Closing remarks

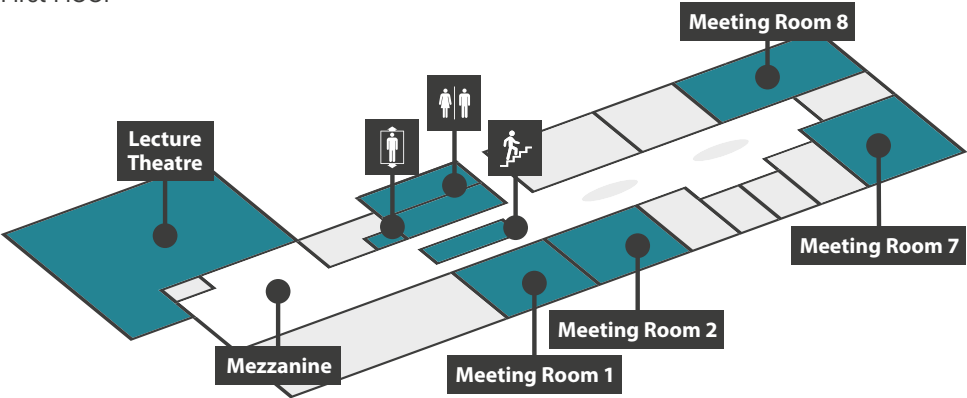
Closing remarks, conclusions and recommendations

*Dr. Lina Huertas,
Chief Technologist -
Technology Strategy, MTC*

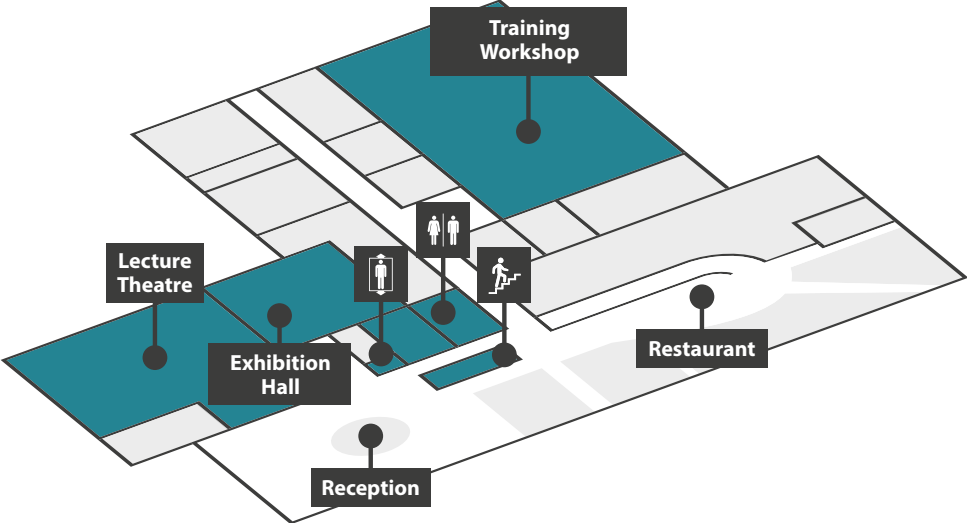
17:00 Conference close and networking

Site Map

First Floor



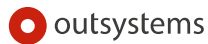
Ground Floor



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