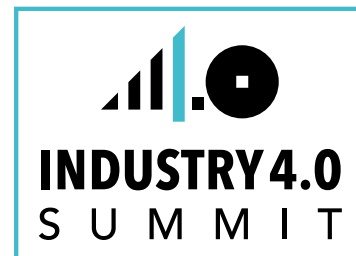


BE PART OF THE 4TH INDUSTRIAL REVOLUTION



Manchester Central Convention Complex, UK
28 February - 1 March 2018
www.industry40summit.com

THE UK'S LEADING CONFERENCE &
EXHIBITION FOR THE DIGITALISATION
OF MANUFACTURING

CO-LOCATED WITH



JOIN US AT THE UK'S LEADING EXHIBITION & CONFERENCE FOR INDUSTRY 4.0.

Bringing together leading figures in Industry 4.0, IIoT, smart factories and advanced manufacturing, the Industry 4.0 Summit aims to answer the pressing issues on Industry 4.0 and what it means for your business.

WHAT TO SEE

- **Industry 4.0 Summit** – learn about industry 4.0 and the future of manufacturing from 40 leading speakers. Understand government policy, how to adapt business models, discover the latest technologies, hear industry 4.0 case studies, and what this all means for your business.
- **Factories of the Future Expo** – see the latest technologies & solutions to make your operations smarter, faster & more productive.
- **Industry 4.0 Academia Summit** – a one day event looking how academia & industry can work together.
- **Open Technology Forum** – a free-to-attend theatre in the exhibition hall. Watch demonstrations & hear case studies from leading experts.
- **Round Tables** – Take the lead. Host a discussion. Get people to join in.
- **Women in Industry 4.0** - a luncheon & networking event for women involved in developing the 4th industrial revolution.

“**GAMBICA**, as the industry body for automation technology, is delighted to be supporting the Industry 4.0 Summit – a high profile U.K. event that showcases real next-generation 4.0 demonstrators.”

Steve Brambley, CEO, GAMBICA

WHAT TO EXPECT:

- **40 leading speakers**
- **300 conference attendees**
- **2,000 trade show visitors**
- **80 exhibiting companies**
- **20 presentations in the Open Technology Forum**
- **2,000 sqm of exhibition & conference space**



MEET VISITORS FROM

- Marine
- Aerospace
- Automotive
- Biotechnology
- Chemical
- Construction
- Defence
- Energy
- FMCG
- Healthcare
- Textiles
- Metal Components
- Parts Manufacturing
- Food & Beverage
- Research & Development
- Telecommunication
- Medical & Pharmaceutical
- Electrical & Electronics

JOIN THE DISCUSSION

The Industry 4.0 Summit is a unique opportunity for the manufacturing industry to get together to specifically share ideas and experiences on Industry 4.0, to make new & valuable contacts with peers and suppliers and catch up with old friends - to find out how they are evaluating the new landscape.

By attending this event you will:

- Update yourself on new technologies and applications within your industry.
- Gain an overview of current trends and latest successful Industry 4.0 case studies from manufacturing leaders such as **Bosch Rexroth, GKN, Babcock International, Intel, Panalpina and GE Digital Europe.**
- Explore opinions on new business models and how to profitably move to servitization.
- Cultivate a culture of collaboration on how to harness the value of the IoT.
- Join in panel discussions on augmented and virtual reality, human-machine interfaces and digital prototyping.
- Hear case study presentations from companies who have actually implemented Industry 4.0 and are harnessing the benefits.

"The Industrial Internet has the potential to help businesses extract valuable insights from assets to transform operations and drive productivity while enabling innovation and opening up new business models. This can create huge opportunities for economic growth. Conservative estimates suggest the Industrial Internet market is about £173 billion globally, compared to the consumer Internet, which is valued at £131 billion."

Deborah Sherry, Senior Vice President and Chief Commercial Officer for GE Digital, Europe

FACTORIES OF THE FUTURE EXPO

Running parallel to the Industry 4.0 Summit, the Factories of the Future Expo will showcase the latest products and services for Industry 4.0, IoT, smart factories and the future of manufacturing. Over 2,000 manufacturing & supply chain professionals from across UK and Europe expected to attend to see the latest advances in automation, robotics, software, sensors, virtual reality, 3D printing, Big Data, predictive maintenance, human-machine interfaces and many other related areas.

Companies will be visiting to see what technologies can make them smarter and provide that cutting edge. Get in front of them and sell your products. Why do 100 sales trips, when the audience is here? Think smarter, exhibit smarter. Join other industry 4.0 leaders in exhibiting such as **Bosch Rexroth, Intel, OMRON, Elisa, HMK, Accenture, Festo, Beckhoff & IBM.**

For more information on exhibiting email us at: info@industry40summit.com

The Expo is FREE TO ATTEND



INDUSTRY 4.0 SUMMIT

Day 1 — Wednesday 28th February. Summit commences at 09.30

Welcome to Manchester

Welcome Address from Day 1 Chair – Vision to Reality

Richard Halstead, Membership Engagement Director North, EEF – the manufacturers' organisation

Welcome Address – Britain's Fourth Industrial Revolution – explaining what Industry 4.0 means for Britain

Juergen Maier, Chief Executive SIEMENS UK

INDUSTRY 4.0 LEADERS SYMPOSIUM

Insight into strategic thinking around opportunities to develop and threats to manage when moving towards Industry 4.0. Our panel of industry leaders will share their thoughts on proactively managing the change while keeping ahead of the curve.

Speakers include:

Deborah Sherry, COO, GE Digital Europe

Ben Salama, Managing Director, Accenture X.O, UK

Paul Homan, Chief Technology Officer - Industrial, IBM, UK & Ireland

John Kitchingman, Managing Director of Northern Europe, Dassault Systèmes, UK

SUPPLY CHAINS FOR THE FOURTH INDUSTRIAL REVOLUTION

Joanne Wright, Vice President, Supply Chain, IBM, USA

Tom Dawes, Chief Executive Officer, Valuechain, UK

NEW BUSINESS MODELS FOR A NEW INDUSTRIAL WORLD

How technology can enable the fourth industrial revolution: exploring VR, the Augmented Worker, Digital Twin simulation and 3D design and printing

Simon Edmonds, Director Manufacturing & Materials, Innovate UK

Searching for the Industry 4.0 Cooking Recipe: practical experiences from operators' and providers' perspectives

Janette Kothe, Global Lead Connected Operations/IloT, Bosch Rexroth, Germany

Adapting to the transition from globalised to personalised supply chains: understanding the challenges and the opportunities

Andy Lahy, Global Head of Strategy and Innovation in Logistics, Panalpina, Switzerland

Leading Factories of the Future: how the 4th Industrial Revolution (4IR) is shaping a new leadership and skills dimension

Jim Davison, Network Director, EEF – the manufacturers' organisation

Panel Discussion

Exhibition, Open Technology Forums

Networking Reception

WOMEN IN 4.0 LUNCHEON

On Day One, Deborah Sherry GE Digital Europe, Joanne Wright from IBM and Annette Doyle from Trumpf UK will join a special networking event for women involved in industry 4.0. A great way to make new contacts and discuss issues facing women engineers & manufacturers. This event is strictly open to those registered as conference delegates.

EVENING EVENT

Delegates will be invited to the official networking event. A perfect way to relax after the summit and to network with attendees from around the world. This will take place after the end of show on Day One.



Don't miss the FREE to attend Open Technology Forum – a great mixture of presentations to assist companies get their manufacturing operations smarter. Short and snappy - 15 minutes per presentation of the latest developments in IOT/Cloud, data analytics, robotics, automation as well as showing how to start your industry 4.0 journey, to name a few.

Companies presenting will include **INTEL, Invisible Systems, OMRON, Crate.io, Lamonde, PTC, Zuhlke, HMK Automation, KTN & Bosch Rexroth.**

INDUSTRY 4.0 SUMMIT

Day 2 — Thursday 1st March. Summit commences at 09.30

Opening Address from Day 2 Chair

Steve Brambley, CEO, GAMBICA

FACTORIES OF THE FUTURE: START SMALL, SCALE UP – STEPS ON THE ROAD TO FULL AUTOMATION

Use of autonomous systems for smes including benefits, pitfalls to avoid, cost scenarios and potential charging models

Martin Walder, VP – Industry UK & Ireland, Schneider Electric

Gaining incremental improvements: Digital for less than £1K

Sameer Savani, Technology Advisor, ADS UK Group

Connecting the legacy factory to get the best out of what you already have

Ben Morgan, Head of the Integrated Manufacturing Group, AMRC, UK

Smart Factory Management

Kari Terho, Head of Smart Factory Management, Elisa Corporation, Finland

What will my future plant look like if we apply all elements of Industry 4.0?

Stephen Gray, Manufacturing IT Service Owner, INTEL

TRUMPF smart factory Chicago - a reality

Annette Doyle, Managing Director, TRUMPF UK

The Connected Facility: trialling Industry 4.0 tools in a Victorian dockyard

Jim Sibson, Head of Technology Development, Defence Systems Technology, Marine & Technology, Babcock International Group, UK

Experiences from a recent pilot demonstrating real time status across all factories and the potential Industry 4.0 benefits

Gabriel Klement, Head of Group IT, GKN, Italy

M4 - turning traditional factory layout and flow on its head with current and future technology

Kostas Efthymiou, Technical Architect, Meggitt Aerospace, UK

Industry 4.0 Open debate – what does the future look like from here?

This session will form a wide-ranging debate over the broader impact of Industry 4.0 on the manufacturing sector and the wider economy. From Brexit to Northern Powerhouse, skills shortages to cyber-security, blue skies technology and beyond.

INNOVATION FOR GROWTH

Over the last year Knowledge Transfer Network (KTN) has been helping over 150 manufacturers across the country to engage in Industry 4.0. Many of these companies have an exciting story to tell, illustrating in particular how small focused steps can generate significant impacts. In this session Knowledge Transfer Network (KTN) will introduce its 4Manufacturing initiative, and three exciting case study companies covering a range of sectors.

Chair: Ben Peace, Head of Manufacturing, Knowledge Transfer Network

Knowledge Transfer Network (KTN) and Industry 4.0: three great examples of deployment by manufacturing SMEs

Introduction from the Chair

Example 1: Industry 4.0 – It is easier than you may think

Mike Hague-Morgan, Co-owner and Commercial Director, Autcraft Drivetrain Solutions, UK

Example 2:

Charlie Salter, Managing Director ACE Lifts, UK

Example 3:

John Hannah, Robotics & Autonomous Systems Market Lead, Tharsus, UK

Panel Discussion and Q&A



INDUSTRY 4.0 ACADEMIA SUMMIT

Manufacturing experts Professor Paulo Bartolo and Dr Carl Diver, from The University of Manchester, will be hosting the 1st Industry 4.0 Academia Summit, which will run in collaboration with the Industry 4.0 Summit in Manchester on 1st March 2018.

For more details visit:

www.industry40summit.com/industry-4-0-academia

KEYNOTE SPEAKERS



Professor Alain Bernard
Director of Research, Ecole Central Nantes, France



Professor Chee How Wong
Associate Dean College of Engineering, Nanyang Technological University, Singapore



Dr. Bernhard Müller
Head of Department Additive Manufacturing, Fraunhofer IWU, Germany



Deborah Sherry

General Manager &
Chief Commercial Officer,
GE Digital Europe, UK



Annette Doyle

Managing Director,
TRUMPF, UK



Martin Walder

VP Industry, Schneider
Electric, UK



Juergen Maier

Chief Executive
Siemens, UK



John Kitchingman

Managing Director
of Northern Europe,
Dassault Systèmes



Janette Kothe

IIoT Solution Architect,
Bosch Rexroth,
Germany



Andrew Lahy

Global Head of Strategy
and Innovation in Logistics,
Panalpina, Switzerland



Stephen Gray

Manufacturing IT Service
Owner, INTEL, UK



Ben Peace

Head of Manufacturing,
The Knowledge Transfer
Network, UK



Ben Morgan

Head of Integrated
Manufacturing & Factory
2050, AMRC, UK



Jim Sibson

Head of Technology
Development, Babcock
International Group plc -
Marine Sector, UK



Simon Edmonds

Director - Manufacturing
& Materials, Innovate
UK, UK



Ben Salama

Managing Director X.O,
Accenture, UK



Joanne Wright

Vice President Global
Supply Chain IBM, UK



Kari Terho

Head of Smart Factory
Management, Elisa,
Finland



Paul Homan

Chief Technology Officer
– Industrial, IBM, UK &
Ireland

Please see our full line up of experts speaking at the Summit &
the Open Technology Forum at www.industry40summit.com/2018-speakers

HEADLINE SPONSORS



The Drive & Control Company

“We are looking forward (to) being headline sponsor once again. We hope this demonstrates how much Bosch Rexroth is committed to Industry 4.0 as a key driver in boosting UK industry’s productivity and the UK Government’s plans for made smarter.”

Sean Kilgallen, UK Marketing Manager, Bosch Rexroth

KNOWLEDGE PARTNERS



The University of Manchester

Innovate UK
Knowledge Transfer Network

If you are interested in exhibiting please contact Andy Pearce, Sales Manager on **+44 (0)7979 500 937** or **a.pearce@gbmediaevents.com**

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JOIN US IN MANCHESTER

and be part of the discussion on the 4th industrial revolution.

Where?

Manchester Central Convention Complex

When?

Wednesday 28 February 2018 – 09.00 to 17.00

Thursday 1 March 2018 – 09.00 to 17.00

BOOK YOUR PLACE NOW!

Secure your conference delegate pass at www.industry40summit.com

The prices and offers to attend the conference are

- 1 day conference delegate pass @ **£350+VAT**
- 2 day conference delegate pass @ **£650+VAT**

Includes entry to the Summit, documentation, lunch & entry to day 1 post show networking drinks on Wednesday 28 February

Members of our supporters receive a 30% discount. Contact us for more details.

If you would prefer to be invoiced for your delegate place, then please email us at info@industry40summit.com or call **+44 (0)1642 438225**.

Entry to the Factories of the Future Expo is FREE to registered attendees.

WHAT TO EXPECT

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- ✓ 2,000 trade show visitors
- ✓ 80 exhibiting companies
- ✓ 20 presentations in the Open Technology Forum
- ✓ 4,000 sqm of exhibition & conference space

If you have any questions please contact the team -

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SEE YOU IN MANCHESTER!

