

BE PART OF THE 4TH INDUSTRIAL REVOLUTION



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



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.

WHAT TO EXPECT:

- **40 leading speakers**
- **300 conference attendees**
- **2,000 trade show visitors**
- **80 exhibiting companies**
- **20 presentations in the Open Technology Forum**
- **4,000 sqm of exhibition & conference space**

“**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



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, General Manager 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 3,000 manufacturing & supply chain professionals from across UK and Europe will 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.**

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



INDUSTRY 4.0 SUMMIT

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

Welcome to Manchester

Andy Burnham, Mayor of Greater Manchester (Invited)

Keynote Address – Government Strategy for Industry 4.0 in UK

Claire Perry, Minister of State BEIS (invited)

Welcome Address from Day 1 Chair – Vision to Reality

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

IMPLEMENTATION OF COLLABORATIVE ROBOTICS APPLICATIONS IN THE AUTOMOTIVE INDUSTRY

Dr. Axel Bindel, Business Strategy Director, HSSMI

Panel discussion with Ford, Nissan, Jaguar Land Rover

Enabling smart factories in the process sector: delivering industry 4.0 for efficient manufacturing of formulated products

CAFE4DM (Centre for Advanced Fluid Engineering for Digital Manufacturing)

WOMEN IN 4.0 LUNCHEON

On Day One, Deborah Sherry, General Manager & Chief Commercial Officer at GE Digital Europe 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.

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 and participants include C-level executives from key Industry 4.0 technology companies including Bosch Rexroth, IBM, GE.

Deborah Sherry, General Manager and Chief Commercial Officer for GE Digital, Europe.

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

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

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

EVENING EVENT

Delegates will also be invited to an evening network event at one of Manchester’s iconic venues. A perfect way to relax after the summit, this will take place on the evening of day 1.

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, Monition, 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

Case Study 1: Gaining incremental improvements: Digital for less than £1K

Sameer Savani, Technology Advisor, ADS Group

Case Study 2: Connecting the legacy factory to get the best out of what you already have

Ben Morgan, Head of the Integrated Manufacturing Group, AMRC

Case Study 3: Smart Factory experiences in Finland

Elisa

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

Stephen Gray, Manufacturing IT Service Owner, INTEL

Case Study 4: TRUMPF smart factory Chicago - a reality

Annette Doyle, Managing Director, TRUMPF UK

Case Study 5: 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

Case Study 6:

Gabriel Klement, Head of Group IT, GKN PLC

Case Study 7: M4 - turning traditional factory layout and flow on its head with current and future technology

Kostas Efthymiou, Technical Architect, Meggit

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, Autocraft Drivetrain Solutions

Example 2:

**ACE Lifts
Charlie Salter, Managing Director**

Example 3:

**Tharsus - John Hannah
Robotics & Autonomous Systems
Market Lead**

Panel Discussion and Q&A

Join us at the UK's premier event for industry 4.0/4IR/digital manufacturing
www.industry40summit.com



Deborah Sherry

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



Annette Doyle

Managing Director,
TRUMPF, UK



Martin Walder

VP Industry, Schneider
Electric, UK



Ben Morgan

Head of Integrated
Manufacturing & Factory
2050, AMRC, UK



Ben Peace

Head of Manufacturing,
The Knowledge Transfer
Network, UK



Richard Halstead

Membership
Engagement Director
North, EEF, UK



Andrew Lahy

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



Mike Hague-Morgan

Owner & Commercial
Director, Autocraft
Drivetrain Solutions, UK



Sameer Savani

Technology Advisor, ADS
Group, UK



Steve Brambley

CEO, Gambica



Jim Sibson

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



Simon Edmonds

Director - Manufacturing
& Materials, Innovate
UK, UK

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

HEADLINE SPONSOR

Rexroth Bosch Group

The Drive & Control Company

Economical, precise, safe and energy efficient: drive and control technology from Bosch Rexroth moves machines and systems of any size.

“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

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Innovate UK
Knowledge Transfer Network

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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

DISCOUNTED PRICES AVAILABLE ONLY IF YOU BOOK BEFORE 23 DECEMBER 2017

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 @ **£175+VAT**
- 2 day conference delegate pass @ **£325+VAT**

Includes entry to the Summit, documentation, lunch & entry to evening networking event on Wednesday 28 February.

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.

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If you have any questions please contact the team -

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SEE YOU IN MANCHESTER!