WELCOME TO THE 4TH INDUSTRIAL REVOLUTION

The one stop show for advanced manufacturing solutions

THE UK’S PREMIER EVENT FOR THE 4TH INDUSTRIAL REVOLUTION

400+ delegates 100+ exhibitors 2000 attendees 50 speakers Round Tables Robot Zone Open Technology Forum SME Clinic

HEADLINE SPONSORS

rexroth A Bosch Company

CO-LOCATED WITH

INDUSTRY4.0 ACADEMIA

Co-located with
JOIN US AT THE UK’S LEADING EXHIBITION & CONFERENCE FOR INDUSTRY 4.0

Bringing together leading figures in 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 Expect:
- 40 leading speakers
- Over 30 presentations in the Open Technology Forum
- 400 conference attendees
- 2,000 expo visitors
- 100+ exhibiting companies
- 2,000 sqm of exhibition & conference space
- Smart technologies
- Digital Solutions
- Expert Advice
- Funding opportunities
- Networking
- High quality sales leads

INDUSTRY 4.0 EXPO

Come visit the free-to-attend Expo and see the latest technologies & solutions to make your manufacturing operations smarter, faster & more productive.

INDUSTRY 4.0 ACADEMIA

In association with The University of Manchester, A three-day event looking at how academia and industry can work together towards a smarter and sustainable manufacturing system.

OPEN TECHNOLOGY FORUM

Sponsored by Siemens
A free-to-attend theatre in the exhibition hall. Watch demonstrations & hear case studies from leading experts.

WOMEN IN INDUSTRY 4.0

A luncheon & networking event for women involved in developing the 4th industrial revolution.

DIGITAL INNOVATION CHALLENGE

Sponsored by Protolabs
University competition showcasing the next generation of inventors. A prize of £2,500 goes to the best “Industry 4.0” project.

ROBOT ZONE

Sponsored by Omron
See live demonstrations of the latest robotic technologies in a special display area.

ROUND TABLES

Sponsored by Dassault Systemes
Host a discussion. Share ideas. Discuss solutions. Get instant feedback. Get connected.

SME DIGITAL CLINIC

Sponsored by Valuechain
Brand new for 2019, we are running a clinic on the exhibition floor specifically for SME manufacturers to get expert advice on digitalisation.

IOT WORKSHOP

Sponsored by Intel
Two free 1-day workshops for the technical community to come and learn how to build computer vision applications utilising the OpenVINO toolkit.

The University of Manchester
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 and 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 plus SMEs who have started their own digital transformation.
✔ Explore opinions on new business models and better understand new areas such as digital twins & upskilling.
✔ Cultivate a culture of collaboration and learn how to implement change across your business
✔ Network with industry peers from across the manufacturing spectrum, and from over 40 countries

“What an impactful event. Excellent guest speakers, a large expo and very well organised. The event has helped me to build a network of contacts and suppliers to work with and gain support from as we continue our journey towards Industry 4.0 and integrate the IIoT. The event gave some highly useful insights into different companies and expert views on the challenges 4.0 will bring.”

Carl Lewis,
Supply Chain Director,
PepsiCo, UK.

INDUSTRY 4.0 EXPO

The Industry 4.0 Expo showcases the latest products & services for Industry 4.0, IIoT, 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, cyber security and many other related areas.

Manufacturers 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, Siemens, OMRON, Carl Zeiss, Grundfos, Werma, Festo, IFM, Dassault Systemes, Dell Technologies & many others

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

“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 Bramley, CEO, GAMBICA
# DAY 1 PROGRAMME
**WEDNESDAY 10TH APRIL 2019**

## WELCOME TO MANCHESTER

**Summit Chair:** Steve Bramley, Chief Executive Officer, GAMBCIA

Finding practical ways to increase the uptake of digital technology in manufacturing, fostering leadership that embraces innovation and investment and gaining insights into how industry can collaborate to boost production.

### MADE SMARTER

**INDUSTRY LEADERS’ OPENING PANEL: DELIVERING DELIVERING BRITAIN’S 4TH INDUSTRIAL REVOLUTION**

A frank and open discussion featuring UK manufacturing leaders on opportunities for Britain’s manufacturing industry post-Brexit and up to 2030. Gain insights and informed opinion on digital manufacturing, technology trends, skills, fostering innovation and stimulating growth across the sector.

- **Brian Holliday,** Managing Director, Siemens Digital Factory
- **Stephen Phipson CBE,** CEO & Chair, EFME, the manufacturers’ organisation
- **Donna Edwards,** Programme Director, Made Smarter North West
- **Professor Paulo Bartolo,** Head of the Manufacturing Group & Industry 4.0 Lead, University of Manchester
- **Alan Funnell,** Managing Director, ABB, UK

### INDUSTRY 4.0 AND YOU

**Showcasing advanced technology to transform manufacturing**

- **Nigel Moulton,** Global CTO in the Modern Data Center Business Unit, Dell Technologies

**USING AR AND VR IN A MANUFACTURING ENVIRONMENT**

- **Sheryl Bunton,** VP, Chief Information Officer, Gulfstream Aerospace

### BREAK

## INDUSTRY 4.0 INSIGHTS

### VISIBILITY IN THE SUPPLY CHAIN

- **Guillaume Vendroux,** Delmia CEO, Dassault Systèmes
- **Susanne Lauda,** Director, Global Advanced Manufacturing Technology, AGCO Corporation
- **Tom Dawes,** CEO, ValueChain Technologies

### EXHIBITION, OPEN TECHNOLOGY FORUMS AND LUNCH + WOMEN IN 4.0 LUNCH

### ESSENTIAL STRATEGY TO GET STARTED

**GET TO GRIPS WITH THE BASICS: WHY INVEST IN INDUSTRY 4.0?**

- **Martin Atkinson,** Managing Director, Forcam

**INTRODUCING FACTORY DIGITALISATION STEP BY STEP: THE FIRST THREE MONTHS (LESSONS LEARNED BASED ON REAL CASE STUDY MATERIAL)**

- **Marcin Fulara,** International Business Development Manager, ANT Sp.

**PANEL DISCUSSION: UNDERSTANDING THE REAL NEW SKILLS THAT WILL BE NEEDED FOR THE 4TH INDUSTRIAL REVOLUTION; NOW AND IN THE NEXT FIVE AND TEN YEARS**

- **Elen Parry,** MSc Industrial Digitalisation student and recipient of Autodesk Women in Leadership scholarship
- **Steven Parkinson,** UK Education Manager, Autodesk
- **Dr Carl Diver,** Industry 4.0 reader, Manchester Metropolitan University
- **Graeme Bond,** Chief Executive Officer, FDM Digital Solutions

**PANEL DISCUSSION AND CASE STUDY: INDUSTRY 4.0 IN THE CONTEXT OF THE MANUFACTURING ENGINEERING SUPPLY CHAIN WITH AN EXAMPLE OF AN ELECTRIFICATION PROJECT**

- **Chaired by:** Dr Axel Bindel, Executive Director, HSSMI
- **David Wells,** Managing Director, JW Froehlich UK
- **Chris White,** Electrification Manager – European Powertrain Manufacturing Engineering Group, Ford Motor Company
- **Andrew Hodgson,** Strategic Sales Lead for Digitalisation, Siemens & Director, Manufacturing Technologies Association (MTA)
- **Victor Szilagyi,** Head of Product, Signal Noise

### EXHIBITION & OPEN TECHNOLOGY FORUMS

### EVENING EVENT

**WOMEN IN 4.0 LUNCHEON**

One of our most popular side events is our 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.
**Welcome to Day Two**

Summit Chair: Martin Walder, Chairman, Engineering & Machinery Alliance

**Making It Happen**

Industry 4.0 can seem overwhelming, full of buzz words and glitzy high-tech expensive solutions that make it difficult to understand and then demonstrate ROI at board level. The second day of the summit aims to dispel all of that and to give you a series of sessions that are based on practical hard-won experience. Case studies from manufacturers who have got their pilots up and running, realised the benefits, built on their experience and are now moving to their next stage.

**Understanding the New Energy Landscape and What It Means For Industrial Users**

Chris Regan, Head of Business Development, EDF Energy and David Robinson, Head of Technology & Innovation, Capula

**Factories of the Future: Start Small, Scale Up**

Achieving incremental improvements that lead to Industry 4.0 and don’t require huge up front investment and resources

SIX BASIC STEPS FROM IDEA, TO PROOF OF CONCEPT, TO VALUE, WITH MINIMAL INVESTMENT AND MAXIMUM VALUE:

- Stephen Hayes, Managing Director, Beckhoff Automation, UK. Including Teamworks & Arkessa
- Iain Davidson, Head of Marketing, Arkessa
- Rob Dinsmore, Solutions Manager – IoT & Augmented Reality, InvMA Ltd

**Case Study: IO Link – Simple Steps into I4.0, Unlocking the Potential of Your Sensors**

Paul Stansfield, Industry 4.0 System Sales Manager NWE, Ifm electronic Ltd

**Questions and Discussion**

**Break**

**Case Study: Achieving Incremental Improvements that Lead to Industry 4.0 and Don’t Require Huge Up Front Investment and Resources**

Andy Schofield, Manufacturing & Materials Strategy and Technology Director, BAE Systems – Air

**Case Study: Implementing Industry 4.0 Technologies Incrementally to Realise a Return Without Having to Invest £1000s**

Jan Ward, Non-Executive Chair, Millers Oils

**Case Study: Active Pilots**

Emma McLeod, Research Principal - Process Technology, Mondelēz International

**Questions and Discussion**

**Round Table Discussions**

With a maximum of 12 people around each table, these discussions offer the chance to really share your experiences, benchmark your progress and get new ideas for how to move your company forward. Each table will have a designated topic and will be moderated by an industry expert. Topics will include all sorts of technologies from AI to sensors, VR to machine learning as well as other key hurdles to be overcome such as gaining buy in from senior stakeholders, developing low-cost pilots, understanding the new skills that will be needed, getting to grips with actual new revenue streams for your business and many more.

**SME Forum**

The ultimate success of the 4th industrial revolution will be measured by prosperity and economic growth. SMEs will make a significant contribution and this session will give you tools, techniques and guidance on every aspect of Industry 4.0 from access to funding to fostering smaller companies, investing in start-ups to achieve growth, developing solutions dedicated to the SME market and explaining the key role the SME sector must play in the future success of Industry 4.0.

**Industry 4.0 for SMEs: New Business Models, Revenue Streams and Potential Charging Models**

Martin Leeming, CEO, Trak-Rap

**Journey to 4.0**

Stewart Miller, Operations Director, Bosch Rexroth

**Industry 4.0: It’s Easier Than You May Think**

Sameer Savani, Head of Engineering & Innovation

**Questions and Discussion**

**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.

Panellists include: David Challinor, Head of Automation – DOVVA, Airbus
- Sameer Savani, Head of Engineering & Innovation, ADS

**Questions and Discussion**

**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 the likes of 3D printing, predictive maintenance, data analytics, robotics, & automation, as well as showing you how to start your industry 4.0 journey.
EXPERTS IN THE FIELD OF INDUSTRY 4.0

BRIAN HOLLIDAY
Managing Director
SIEMENS DIGITAL FACTORY

STEPHEN PHIPSON CBE
CEO & Chair
EEF - THE MANUFACTURERS’ ORGANISATION

DONNA EDWARDS
Programme Director
MADE SMARTER NORTH WEST

PROFESSOR PAULO BARTOLO
Industry 4.0 Lead,
UNIVERSITY OF MANCHESTER

JAN WARD
Non-Executive Chair
MILLERS OILS

CHRIS REGAN
Head of Business Development
EDF Energy

ALAN FUNNELL
Managing Director
ABB, UK

DR CARL DIVER
Industry 4.0 reader
MANCHESTER METROPOLITAN UNIVERSITY

EMMA MCLEOD
Research Principal Process Technology
MONDELEZ INTERNATIONAL

MARCIN FULARA
International Business Development Manager
ANT SP

ANDY SCHOFIELD
Manufacturing & Materials Strategy and Technology Director
BAE SYSTEMS - AIR

MARTIN LEEING
CEO
TRAK-RAP

SHERYL BUNTON
Chief Information Officer
GULFSTREAM AEROSPACE

STEWART MILLER
Operations Director
BOSCH REKROTH

GUILLAUME VENDROUX
Delmia CEO
DASSAULT SYSTÈMES

DR AXEL BINDEL,
Executive Director,
HSSMI

DAVID WELLS,
Managing Director,
JW FROEHLICH UK

CHRIS WHITE,
Electrification Manager – European Powertrain Manufacturing Engineering Group,
FORD MOTOR COMPANY

ANDREW HODGSON,
Strategic Sales Lead for Digitalisation, Siemens & Director,
MANUFACTURING TECHNOLOGIES ASSOCIATION (MTA)

NIGEL MOULTON
Global CTO in the Modern Data Center Business Unit,
DELL TECHNOLOGIES

PLEASE SEE OUR FULL LINE UP OF EXPERTS SPEAKING AT THE SUMMIT & THE OPEN TECHNOLOGY FORUM AT industry40summit.com/summit-speakers
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2019 EXHIBITORS INCLUDE

If you are interested in exhibiting please contact Andy Pearce, Sales Director on +44 (0)797 950 0937 or a.pearce@gbmediaevents.com
JOIN US IN MANCHESTER
AND BE PART OF THE DISCUSSION ON
THE 4TH INDUSTRIAL REVOLUTION.

WHERE?
Manchester Central Convention Complex,
Windmill St, Manchester, M2 3GX, UK.

WHEN?
Wednesday 10 April 2019: 09.00 - 17.00
Thursday 11 April 2019: 09.00 - 17.00

BOOK YOUR PLACE NOW!
SECURE YOUR CONFERENCE
DELEGATE TICKET AT
www.industry40summit.com

1 DAY CONFERENCE DELEGATE TICKET
£400+VAT
2 DAY CONFERENCE DELEGATE TICKET
£795+VAT

Includes entry to the Summit, documentation,
lunch & entry to day 1 post show networking
drinks on Wednesday 10 April.
If you would prefer to be invoiced for your
delegate place, then please email us at
info@industry40summit.com

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FREE

Includes entry to the Expo, Open
Technology Forum, Intel IoT Workshop
(please register separately), SME Clinic,
Roundtables, & Robot Zone.

If you have any questions
please contact the team

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ENTRY TO THE INDUSTRY 4.0 EXPO IS FREE TO REGISTERED ATTENDEES.

SEE YOU IN MANCHESTER!