



Robotics and Artificial Intelligence Industry Showcase

TUESDAY 12 MARCH 2019
MANCHESTER
PROGRAMME

STREAM A

SHOWCASING (Main Stage)

09:45 -
10:30

OPENING ADDRESS

An overview of the current and future landscape of robotics and AI in the UK.

Andrew Tyrer ISCF Challenge Director, Robotics in Hazardous Environments, Innovate UK

Geoff Pegman Managing Director, R U Robots Ltd

Zoë Webster Director of AI and Data Economy, Innovate UK

10:45 -
11:30

LIVE ON-STAGE TECH DEMO

Interactive demonstration of Sensing Feeling's advanced human emotion sensing technology.

Jag Minhas CEO and Founder, Sensing Feeling

11:45 -
12:30

HOW TO LOAD THE DICE WHEN APPROACHING INNOVATION

Key lessons for businesses seeking to grow through innovation.

Dave Swan CTO, Tharsus

12:30 -
13:00

DEMYSTIFYING AI: SUPPORTING EMPLOYERS TO BOOST PRODUCTIVITY

Exploring the power of AI to increase productivity of business processes.

Riham Satti Co-Founder and CEO, MeVitae

Tim Venison Co-Founder, Spotlight Data

STREAM B

COLLABORATING (Upstairs)

BRIDGING THE RISK GAP BETWEEN SMALL AND LARGE COMPANIES

Advice for small and large firms on increasing the success rate of collaborations.

Chaired by David Bisset Director of iTechnic Ltd and RAI SIG Advisory Board Chair

Matt Neidhardt Business Development Manager, Astech Projects

Neil Thompson Director, Digital Construction, SNC-Lavalin/ Atkins

ROLE MODELS FOR COLLABORATIVE INNOVATION

How the AVEXIS submersible ROV was developed with a combination of end user, SME and academic expertise.

Barry Lennox RAIN Hub Director, University of Manchester

Chris Ballard Sellafeld Ltd
Forth Engineering Ltd

STREAM C

ENABLING (Upstairs)

SUPPORT FOR RAI DEVELOPMENT & DEPLOYMENT

Find out about the support available to your business via MTC, KTN and the Made Smarter programme.

Steve Cleaver Made Smarter Business Advisor, Growth Hub

Nicole Ballatyne Knowledge Transfer Manager - Manufacturing, KTN

Jeremy Hadall Chief Engineer - Intelligent Automation, Manufacturing Technology Centre

AI FOR INDUSTRIAL INSPECTION

An overview of collaborative projects in Industrial Inspection that use AI and robotics within the aerospace sector.

Kiran Krishnamurthy Artificial Intelligence Domain Expert, CfMS

Dale King Senior Manager, Emerging Technologies and Concepts, Airbus CTO

Bilal Nasser Computer Vision Specialist, Rolls-Royce Plc

NETWORKING LUNCH

*available 12:00 - 14:00

STREAM D

INVESTING (Downstairs)

PITCHFEST INVESTOR SHOWCASE (CLOSED SESSION)

7 minute pitches selected from the RAI SIG Investor Readiness Programme. Please note this session is for investors only. Invite only.

Charlotte Thompson Knowledge Transfer Manager - Access to Funding & Finance, KTN

STREAM A

SHOWCASING (Main Stage)

STREAM B

COLLABORATING (Upstairs)

STREAM C

ENABLING (Upstairs)

STREAM D

INVESTING (Downstairs)

13:00 -
13:30

ROBOTICS BOOSTING PRODUCTIVITY IN FOOD MANUFACTURING

How food manufacturers have adopted robotic technologies to overcome challenges in their processes.

Jake Norman Head of Innovation, OAL

13:30 -
14:15

ROBOTICS & AI FOR REGULATED ENVIRONMENTS

Nick and David propose ways of building confidence in AI for operating robots beyond visual line of sight.

Nick Tudor Business Director, D-RisQ

David White Chief Engineer, Callen Lenz

HOW TO COMMERCIALISE YOUR ROBOTICS INNOVATION WORKSHOP

Headline sponsor Tharsus lead this session designed to help you understand the process of turning an early stage innovation into a commercial product.

John Hannah Robotics and Autonomous Systems

Market Lead, Tharsus

John Toal Business Development Director, Tharsus

NETWORKING LUNCH

*available 12:00 - 14:00

ROBOTICS FOR A SAFER WORLD CHALLENGE

How end users are working towards removing people from extreme environments and making unmanned operations the standard approach

Hosted by Rebecca Allison Asset Integrity Solution

Centre Manager, The Oil & Gas Technology Centre

Gareth McIntyre, GDI

Stuart Bamford, QL Tech

Kieran Hope, Air Control Entech

INSIGHT FROM PUBLIC & PRIVATE FUNDERS

Avoid the pitfalls in fundraising by hearing from seasoned investors and funders and learn what makes them say 'yes!'

Chaired by Ian Tracey Head of Access to Funding and Finance, KTN

PANEL MEMBERS:

Zoë Webster Director of AI and Data Economy, Innovate UK

Andrew Tyrer ISCF Challenge Director, Robotics in Hazardous Environments, Innovate UK

Daniel Carew Investment Manager, Seraphim Capital

Zoë Chambers VC Investor, Octopus Ventures

14:30 -
15:15

AI FOR PRODUCTIVITY

Steven and Duncan discuss how AI can be used to make sense of data to support businesses in exploiting market opportunities and refining service offerings.

Steven Leece CEO, Citi Logik Ltd

Duncan Hart CEO, Deep Miner

NORTHERN ROBOTICS NETWORK END USER CHALLENGE WORKSHOP

Examine key challenges faced by industrial end users from a variety of sectors, and identify collaboration opportunities to develop RAI solutions.

Chaired by Kevin Blacktop Chair of the NRN

Kara Cartwright Innovation Implementation Manager, Severn Trent

Darren Potter Capability Leader, National Nuclear Laboratory

James Kell In Situ Technology Specialist, Rolls Royce

Kerry Whiteside Bradgate Bakery

Jo Binstead Head of Innovation - Rolling Stock, Siemens Mobility

Dan Jones Strategic Research Cluster Project Business Partner, UK Space Agency

Rob Anderson Principal Engineer, Network Rail

HOW TO BUILD A STRONGER UK SKILLS PIPELINE FOR ROBOTICS & AI

Informative and interactive session for businesses wishing to equip their workforce with the skills for RAI technologies.

Chaired by Philippa Glover Strategy and Business Development, CNC Robotics

Apprenticeships & T Levels: Mark Aberdein

Relationship Manager, Institute for Apprenticeships

Knowledge Transfer Partnerships: Mark Matchett

KTP Advisor, KTN

Business perspective: David Thomas Training & Development Manager, Siemens

ACCESS TO FUNDING AND FINANCE WORKSHOP

Help for those seeking to secure funds for developing RAI technologies, from an overview of the funding landscape to delivering good applications and pitches.

Charlotte Thompson Knowledge Transfer Manager - Access to Funding and Finance

16:30 -
16:45

CLOSING ADDRESS

Summary of the emerging themes of the day, key learning points and next steps.

David Bisset Chair of the RAI SIG Advisory Board

17:00

CLOSE

#RAI19

Innovate UK
Knowledge Transfer Network

Robotics and
Artificial Intelligence
Special Interest Group