

AUSSEN

WIRTSCHAFT

ZUKUNFTSREISE

**FABRIK DER ZUKUNFT:
INDUSTRIEAUTMATISIERUNG &
ROBOTICS**

In Kooperation mit:



gefördert im Rahmen von



einer Förderinitiative des Bundesministeriums für Wissenschaft,
Forschung und Wirtschaft und der Wirtschaftskammer Österreich

Best Practice in Industrie und Forschung / DRAFT PROGRAMM

PROGRAMM

ORT: Vereinigtes Königreich | London

KONTAKT: Österreichisches AußenwirtschaftsCenter London

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Dienstag, 21.03. 2017 – Donnerstag, 23.03. 2017

KOSTEN

Kosten pro Teilnehmer: Tarif für Kammermitglieder bzw. gleichgestellte Organisationen 500 Euro exkl. Ust, für die Teilnahme an der Zukunftsreise und Essen laut Programm.

Flug & Hotelnächtingungen sind selbst zu organisieren und zu bezahlen.

Anreise: Dienstag, 21.03. 11.45 Uhr, London Heathrow

Abreise: Donnerstag, 23.03. 17.35 Uhr, Birmingham Airport

DIENSTAG, 21. 03. 2017

INDIVIDUELLE ANREISE DER FIRMEN NACH LONDON

12.30 Uhr Treffpunkt / Abfahrt London Heathrow mit dem Bus

12.30 – 14.00 FAHRT NACH LUTON / LUNCH / SANDWICHES IM BUS / BRIEFING IM BUS

In Kooperation mit:

14.00 – 16.00 HAWARD TYLER LTD

1 Kimpton Road, Luton, LU1 3LD

<http://haywardtyler.com/>

INFO: Hayward Tyler designs, manufactures, and services fluid-filled electric motors and pumps for high-pressure, high-temperature applications and environments across the global energy sector. Recently a new factory was built at Luton which is a best practice example of industrial automation including people in the R&D process.

Ziel: Best Practice Industrieautomatisierung in Industrie zeigen

16.00 – 16.45 FAHRT NACH MILTON KEYNES

16.45 – 18.00 FRONIUS UK LTD. (TBD)

Maidstone Road , Milton Keynes, MK10 0BD

http://www.fronius.com/cps/rde/xchg/fronius_uk

INFO: Austrian Company Fronius founded in 1945 in Pettenbach, Upper Austria is still in family ownership and its welding technology division is now one of the world's technology leaders in the arc welding market segment. It is also the market leader in Europe. In addition to innovative processes in the welding market, Fronius UK Ltd. is strong in the Solar Energy market and batteries.

Ziel: Best Practice Industrieautomatisierung eines Österreichischen Unternehmens mit langjähriger Erfahrung und Firmensitz im Vereinigten Königreich zeigen.

18.00 – 18.30 FAHRT HOTEL CHICHELEY HALL / CHECK IN

19.00 – 21.00 ABENDESSEN IN CRANFIELD ODER IN CHICHELEY HALL

ÜBERNACHTUNG IN HOTEL UM CRANFIELD / MILTON KEYNES

z.B. *Chicheley Hall*, Chicheley Road, Chicheley, MK16 9JJ (TBC)

MITTWOCH, 22. 03. 2017

08.30 – 08.45 FAHRT NACH CRANFIELD

In Kooperation mit:

08.45 – 11.30

UNIVERSITY OF CRANFIELD, MANUFACTURING INFORMATICS CENTRE

College Road, Cranfield, MK43 0AL

Prof. Ashutosh Tiwari

<https://www.cranfield.ac.uk/people/professor-ashutosh-tiwari-332215>

INKLUDING 1-2 COMPANY PRESENTATIONS OR VISIT TO AIRBUS/ROLLS ROYCE CENTER AIRC (TBC)

For Example

Airbus Group, BAE Systems, Alstom Power, Edwards, Dathan Tools, Jaguar Landrover, Nissan, Toyota, Honda, Cosworth, Arup, BT (TBD)

UNIVERSITY OF CRANFIELD, CENTRE FOR STRUCTURES, ASSEMBLY AND INTELLIGENT AUTOMATION

Prof. Phil Webb (TBC)

<https://www.cranfield.ac.uk/people/professor-phil-webb-746415>

INFO: The manufacturing informatics centre focuses on the development and application of informatics techniques for manufacturing technologies, processes and systems. Two novel research themes focus on: multi-objective optimisation of high-value manufacturing processes, such as wing manufacture and engine assembly, and application of gaming technologies to skill-intensive manufacturing. There is a high number of industry cooperations and applied research with leading industry partners.

<https://www.cranfield.ac.uk/centres/aerospace-integration-research-centre>

AEROSPACE INTEGRATION RESEARCH CENTRE (AIRC) –

Presentation or if open, visit if possible (TBC)

Ziele:

- Best Practice Industrieautomatisierung der Industrie zeigen
- Einsatz von IT im Automatisierungsprozess verstehen
- State of the Art Technologie Integration im neuen AIRC Centre (Airbus & Rolls Royce Centre at Cranfield) zeigen

11.30 – 13.30

FAHRT NACH WORCESTER / SANDWICHES ON BUS (TBC)

In Kooperation mit:

13.30 – 16.30 YAMAZAKI MAZAK UK LTD, EUROPEAN TECHNOLOGY CENTRE (OR Incl. Working Lunch)

Badgeworth Drive, Worcester WR4 9NF

<https://www.mazakeu.co.uk/>

INFO: Mazak is a Japanese machining company. The UK hosts the European technology centre with a staff of 600 people. Machines include multi-tasking machines like the AM hybrid machine; CNC turning centres, CNS laser processing machines, CAD/CAM Systems and production support software.

Ziele:

- Demonstration ihrer Industrie 4.0 Anwendungen
- Anwendungen der Maschinen in unterschiedlichsten Industrien verstehen
- Fabriksbesichtigung, CNC Produktionslinie die ein Robotics und Industrieautomatisierung Beispiel ist

16.30 – 18.30 FAHRT NACH LOUGHBOROUGH

18.30 – 21.30 CHECK IN HOTEL / STADTSPAZIERUNG / ABENDESSEN IN LOUGHBOROUGH

ÜBERNACHTUNG IN LOUGHBOROUGH

HIGH STREET, LOUGHBOROUGH, LE11 2QL, UNITED KINGDOM

z.B. : High Street, Loughborough, LE11 2QL, Ramada Hotel

DONNERSTAG, 23. 03. 2017

08.30 – 09.00 FAHRT ZUR LOUGHBOROUGH UNIVERSITY

In Kooperation mit:

09.00 – 11.15 **EPSRC CENTRE FOR INNOVATIVE MANUFACTURING IN INTELLIGENT AUTOMATION**

Holywell Building, Holywell Way, Loughborough University, LE11 3QZ

<http://www.intelligent-automation.org.uk/>

INFO: The research at the EPSRC Centre helps to fully understand human skill in advanced manufacturing and use this information to provide human-automation and intelligent automation solutions. Furthermore it produces exemplars of research solutions to proof of concept demonstrator stage and broadens the take up of automation throughout UK industry, especially within SMEs. Cranfield University is a cooperation partner.

Ziel: Best Practice Coworking / Man & Machine Cooperations & Robotics zeigen

11.15 – 12.15 **FAHRT NACH COVENTRY ZUM MTC**

12.15 – 13.00 **LUNCH AM MTC, COVENTRY**

In Kooperation mit:

13.00 – 15.15 **MANUFACTURING TECHNOLOGY CENTRE (MTC)**

The Manufacturing Technology Centre (MTC), Ansty Park, Coventry
CV7 9JU

<http://www.the-mtc.org/>

INFO: The MTC is part of the High Value Manufacturing Catapult. The Manufacturing Technology Centre (MTC) develops and proves innovative manufacturing processes and technologies in an agile, low risk environment, in partnership with industry, academia and other institutions. We focus on delivering bespoke manufacturing system solutions for our leading industry customers.

Ziel:

- Best Practice Industrieautomatisierung in Industrie & Forschung zeigen
- Tour durch das MTC F&E Zentrum & Trainingszentrum

Inkl.
Firmenpräsentation

ATS Applied Tech Systems Ltd.

Weston House, 1 Glen Park Close, Derby DE73 5UJ, United Kingdom

<http://www.ats-global.com/gb/en/>

INFO ATS: ATS is an independent solution provider for industrial and process control. We are focused in automation systems design, maintenance, trouble shooting and training courses. Our solutions are suitable for all types of clients: from small size companies up to large multinational corporations.

Ziel: Best Practice Industrieautomatisierung der Industrie vor Ort zeigen

15.15 – 16.00 **FAHRT ZUM FLUGHAFEN BIRMINGHAM INTERNATIONAL**

Ab 17.35 **RÜCKFLUG NACH ÖSTERREICH**

In Kooperation mit: