



SRPe

Scottish Research Partnership
in Engineering

Digital Manufacturing Demystified for SMEs

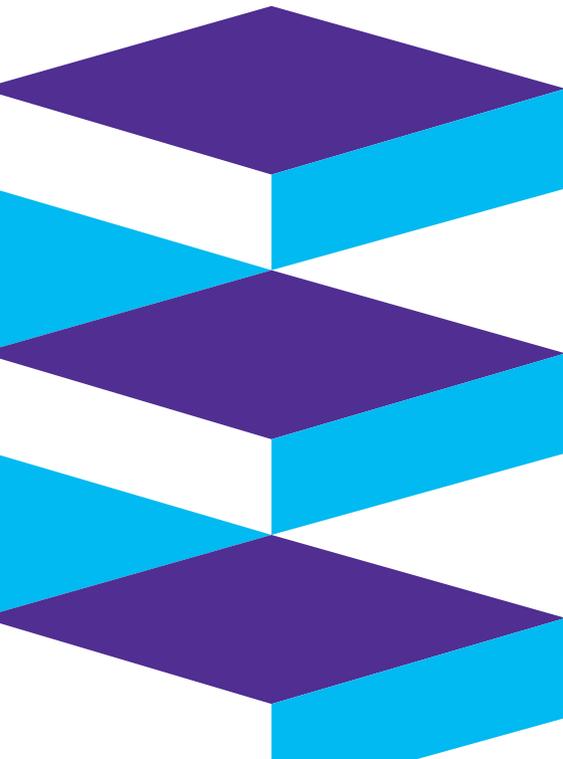
Date: Tuesday 23rd May 2017

Location: Advanced Forming Research Centre, Inchinnan, Glasgow

Hosted by: Scottish Research Partnership in Engineering

<http://www.researchscotland.ac.uk/>

The Scottish Research Partnership in Engineering (SRPe) will host a one day intensive conference and workshop aimed at demystifying digital manufacturing and evaluating the implications for SMEs.



To book your place,
please email
Tracy McCarroll
events@afrc.org.uk

www.afrc.org.uk

Digital Manufacturing Demystified for SMEs

Tuesday 23rd May 2017

Manufacturing companies are continually bombarded with terms such as The Fourth Industrial Revolution, Industry 4.0, Digital Manufacturing, Smart Manufacturing, Cloud Manufacturing and the Internet of Things.

The conference will break through the hype to describe and demonstrate the technologies, which are driving digital manufacturing. Affecting all manufacturing sectors, you will see how these technologies will impact and transform your business in the short and medium term.

Over the course of the day there will be cutting edge presentations, guided demonstrators and industrial and university partner demonstrators.

Presenters and demonstrators from:

Siemens, Kuka, Hexagon Manufacturing Intelligence, Bosch, Virtualis, Festo, Microsoft, Renishaw and Laing O'Rourke.

Presentations will include:

- Demystifying the terms and the digital manufacturing dictionary
- Digital aircraft factory
- Cloud based manufacturing
- Data security for the 4th Industrial Revolution
- Human factors and digital manufacturing
- The connected factory
- Impact on the supply chain



Demonstrators will include:

- Process and machine monitoring
- Advanced simulation and visualization
- Digital work instructions
- Assisted work instructions
- Part tracking
- Data analytics
- Cobots
- Inline inspection and on the fly programming for robotics
- Dashboarding for the factory
- Legacy connectivity solution



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SRPe is the engineering research partnership of Scotland's universities working strategically with industry and government to ensure Scotland's future as a world-class centre of excellence and globally competitive driving force in engineering.