



Manufacturing 2075

Cranfield University, UK
7 December 2016

Cranfield invites you to join us at the Manufacturing 2075 international symposium and future technology exhibition. The symposium will build on Cranfield's annual 'Manufacturing on the Moon' National Apprenticeship Competition, but then consider the wider challenges and context for Manufacturing research in 2075 across multiple sectors.

For more information and to register:

www.manufacturing-2075.org

Manufacturing 2075

The challenges faced by manufacturing research, education and skills requirements, and our knowledge capability base in 2075 will be influenced and informed by organic and disruptive technologies and systems, new materials, changes in our life styles and values, and global political and societal developments. To be suitably prepared, we need to imagine the future to plan the present. A new global forum to discuss very long term manufacturing challenges (ie. Manufacturing Futures) for the UK and other countries is essential for prosperity and sustainability. Our collective views on Manufacturing Futures will shape our research direction in the short and long term, better understand our user requirements and drivers, ensure tailored and timely practical solutions, and support innovation in new education models.

The one-day symposium will start with a set of keynotes from manufacturing thought leaders, social science experts, educationists and technology innovators and then there will be a series of brainstorming sessions to capture delegate imaginations. We shall publish a post-symposium report to stimulate a long-term manufacturing research and education debate in the UK and around the world.

The symposium will also host a future technology exhibition related to the future of manufacturing. Our sponsors, technology providers, research groups and professional organisations are invited to participate in the exhibition, showcasing their latest, emerging or future potential technology solutions to the challenges of Manufacturing and stimulating delegate thinking. It promises to be a truly thought provoking and unique atmosphere and Cranfield hopes you can join us for this inaugural global forum, exploring Manufacturing 2075.

Confirmed keynote speakers:

Professor Inoue

Director of the International Institute for Green Materials, Josai University, Japan

Future of materials and bulk metallic glasses

Dr. Bernard H. Foing

Executive director ILEWG,
ESA ESTEC, The Netherlands

In-Situ manufacturing opportunities for the future utilisation of the Moon

Professor Steve Evans

Institute for Manufacturing, Cambridge University

Manufacturing and Industrial evolution – the future

Dr David Wallis

Plessey plc

Future challenges for the manufacturing of gallium nitride devices

Peter Marsh

Ex FT Manufacturing Editor

Global manufacturing: the next 100 years

Katie Daniel

Theme lead, Manufacturing the Future, EPSRC

Future manufacturing research

Dr Phill Cartwright

Chief Technical Officer, HVM Catapult

Future of manufacturing technologies



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