



## Innovation Research Seminar

Dr. Tim Minshall

### Additive Manufacturing (3D Printing) and Business Model Innovation



**Summary:** Researchers at the University of Cambridge and the University of Nottingham have been collaborating on projects exploring the ways Additive Manufacturing -3D Printing (AM-3DP) is changing - or could change - current business models in a variety of sectors, and exploring the way in which these technologies could have a wider impact. This same team has also been gathering evidence to support the development of a UK National Strategy for AM-3DP. This presentation will provide an overview of the results of this research on AM-3DP-enabled business model innovation, highlight some of the current barriers and opportunities as perceived by UK manufacturing industry, and explore possible areas of future work that could link with researchers at RWTH Aachen. Particular areas of interest are (1) the link between engineering education/skills and the diffusion of AM-3DP technologies and (2) the role of collaborations in overcoming some of the barriers to diffusion.

When and where:

**17 December 2015**

12 to 2 pm

**TIM Social Area**

Kackertstraße 7

B301



Find Tim  
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**Speaker Bio:** Tim Minshall is a Reader in Technology and Innovation Management at the Department of Engineering. His teaching and research is focused on developing understanding of how emerging technologies are used to deliver new products and services. His specific research interests are open innovation, advanced production technologies, and engineering education. He is a member of the Board of St John's Innovation Centre Ltd, a Visiting Professor at Doshisha University (Japan), and a member of the UK Institution of Engineering and Technology (IET) Innovation and Emerging Technologies Policy Panel. He is a member of steering committees for ideaSpace Enterprise Accelerator, Cambridge University Entrepreneurs, and Cambridge i-Teams. In 2012 he was a recipient of a University of Cambridge Pilkington Prize for Teaching Excellence and a Royal Academy of Engineering/ExxonMobil Excellence in Teaching Award. He is actively involved in a range of outreach activities to raise awareness of engineering among primary and secondary schoolchildren ([www.whatengineersdo.info](http://www.whatengineersdo.info)). He has B.Eng. from Aston University and a PhD from Cambridge University Engineering Department.