

Layer by Layer, Atom by Atom

- 3D Printing and the Future of Additive Manufacturing

A Talk by Dr Eujin Pei and Giselle Loh of Brunel University

Wednesday 7th February 2018

at the EDF Lecture Theatre, Barnett Way, Barnwood, Gloucester GL4 3RS

7pm refreshments for 7.30 pm start

The presentation: Additive Manufacturing (AM), commonly known as 3D Printing has the ability to produce parts with freedom of geometry and enabling the operator to fully control the production process chain. We predict that in five years ahead, the prospect of Functionally Graded Additive Manufacturing (FGAM) will enable us to focus on material-centric fabrication by highlighting the structure-property relationship. This presentation will provide the audience with a basic understanding of this technology, covering some international standards that have been published, and suggesting the future of Additive Manufacturing.

Dr Eujin Pei is a CEng CTPD MIED MDRS FRSA FHEA

He is responsible for

Programmable Matter: 4D Printing and Functionally Graded Additive Manufacturing

Course Director, BSc Product Design & BSc Product Design Engineering Chair, British Standards Institute AMT/8 for Additive Manufacturing
Convenor, International Organisation for Standardisation TC261/WG4 and TC261/JG67 for Data and Design

in Brunel University London

College of Engineering, Design and Physical Sciences

Institute of Materials and Manufacturing

Department of Design

Book now at

<http://nearyou.imeche.org/near-you/UK/Western/Gloucester-Area/event-detail?id=14655>

or search for "IMEchE Gloucester" and click on "Events"

or Contact Jim Quinn BSc FIMechE, Phone 01453 757898