sustainlincolnshire

ADDITIVE LAYER MANUFACTURING AND RAPID PROTOTYING
THE VIEW FROM INTERNATIONAL CONFERENCE 2014

Dr Robin Young of the Applied Materials Group of companies, based in Lincoln was the winner of the 2014 Oakwell Management Services Ltd 'Bursary prize for sharing innovation'. This bursary supported Robin to attend the 2014 International Additive Manufacturing Conference in Nottingham, with a brief to learn as much as could be absorbed about the latest innovation in this exciting field of engineering which is changing the world of manufacturing, and share that learning with Lincoln University Engineering Students and Lincolnshire companies.

Supporting Robin will be guest speaker Dr Alysia Garmulewiczg from Oxford University, who will deliver her unique presentation concerning Additive Manufacturing in a circular economy. Alysia is a supporter of the Dame Ellen MacArthur Foundation which is proving to be a major influence in the development of a worldwide circular economy.

TIME AND VENUE:

11th February 2015, *Wednesday, 13:00 – 15:00 hrs;*
ENG 208, Engineering Hub, University of Lincoln

The presentations will take approx. 1 hour with time for questions and refreshments immediately preceding/following.

CALLING ALL STUDENTS OF ENGINEERING

Talk by Dr. Robin Young

Title: ***Technology and Material Developments in Additive Layer Manufacturing (ALM)***

Abstract: Additive Layer Manufacturing is acknowledged to be a disruptive technology in advanced manufacturing. This presentation provides an overview on the last International Conference on Additive Manufacturing and 3D Printing held at Nottingham and examines the opportunities for ALM and the obstacles to uptake with a focus on the relationship between processing and materials aspects which both need to developed to meet market aspirations.

Talk by Dr Alysia Garmulewicz

Title: ***Technology and Material Developments in Additive Layer Manufacturing (ALM)***

Abstract: Alysia will present her PHD research on the implications of additive manufacturing for the circular economy. Nano-scale fabrication, bio-inspired design, and materials traceability are features of additive manufacturing that may increase the circulation of materials in industrial systems. The main focus of her research is on the changing scales of production introduced by low-cost 3D printing as a subset of additive manufacturing. Alysia will explore the materials supply chains for 3D printing, the growing distribution of 3D printing production, and the implications for circular economy aims.

Oakwelll Management Services Limited
Lincolnshire COUNTY COUNCIL
EUROPEAN UNION Investing in Your Future
European Regional Development Fund 2007-13
UNIVERSITY OF LINCOLN
NATIONAL CENTRE FOR FOOD MANUFACTURING