

Medical Devices Manufacturing Workshop Tuesday 14th July 2015 Advanced Forming Research Centre, Inchinnan, Glasgow

Information

We are delighted to announce that on Tuesday 14th July, the Advanced Forming Research Centre (AFRC), will be hosting a Medical Devices Workshop to coincide with the 25th International Society of Biomechanics Conference being held in Glasgow from 12th – 16th July <http://www.isbglasgow.com/>

A bus has been arranged to bring delegates from ISB2015 to the AFRC(details will be provided)

Programme

08:30	Coach leaves SECC for AFRC, Inchinnan Business Park, Inchinnan, PA4 9LJ
09:00	Coach arrives at AFRC
09:00	Registration, refreshments and informal networking
09:15	Tour of the Advanced Forming Research Centre
10:15	Welcome Address
10:30	Ultrafine grained metals for medical implants, Andrzej Rosochowski. Ultrafine grained (UFG) metals is a new class of materials, which are characterised by improved mechanical properties and better biocompatibility; UFG structure can be created by so-called severe plastic deformation. One possible application is UFG CP-Ti for orthopaedic implants. It is more biocompatible and strong enough to replace the current titanium alloy.
11:20	Titanium Cranial Implants Manufactured using Incremental Sheet Forming, Mohammad Salamati Incremental Sheet Forming has been examined and developed as an innovative method for producing custom craniofacial implants. This manufacturing process can be carried out on any CNC milling machine without the requirement of costly specialist machinery.
12:00	Micromachining Biomedical Devices, Wenlong Chang This presentation will review the research activities of the Precision Engineering Research Group of Centre for Precision Manufacturing at DMEM in machining microfluidic chips and biomaterials. It will also highlight the new development of machine tools for biomedical devices.
13:00	Lunch

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13:45	<p>Vascutek Medical Device Product Development, Vincent Nelis</p> <p>Vascutek has applied advanced and innovative technologies to develop a wide portfolio of products which include a AAA stent graft system and an extensive range of sealed woven and knitted polyester grafts for peripheral, abdominal and cardiothoracic surgery.</p>
14:30	<p>Appraisal and Adoption for the NHS Andrew Marsden</p> <p>The Scottish Health Technologies Group (SHTG) is an advisory group set up to provide assistance to NHS Scotland boards when considering selected health technologies. The remit of the SHTG is to provide advice on the evidence about the clinical and cost effectiveness of existing and new technologies likely to have significant implications for patient care in Scotland. This includes a horizon scanning function to provide early intelligence on health technologies in development.</p>
15:10	<p>Funding Opportunities Robin Wilson Innovate UK</p>
15:45	Formal close and informal networking
16:00	Coach leaves AFRC for SECC

If you would like to register your interest in the workshop, please email events@afrc.org.uk

Information on the AFRC can be found by visiting: www.afrc.org.uk

Registration is required before attending, please use the link below;

events@afrc.org.uk

Map for location and Travel routes to AFRC;

<http://www.strath.ac.uk/afrc/contact/>

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