

Project DIGINOVA: Biomedical Applications for Digital Fabrication

Wednesday, 6th November 2013

CPI's National Printable Electronics Centre, TS21 3FG, UK



Attendees will include project partners from across Europe covering academia, research institutes and industry. Participants will have the opportunity to gain innovative insights on digital fabrication in Europe and its potential applications in the biomedical field. Delegates will have an opportunity to see demonstrators of the technology and to tour CPI's National Printable Electronics Centre.

The DIGINOVA Project

The purpose of the DIGINOVA project is to determine the current status of Digital Fabrication in Europe and assess and promote its potential for the future of materials research and manufacturing. The project is mapping key material innovation and application domains, as well as identifying key technology challenges and new business opportunities.

DIGINOVA identifies and connects main stakeholders through the establishment of innovation networks and identifies feasible routes to commercialisation.

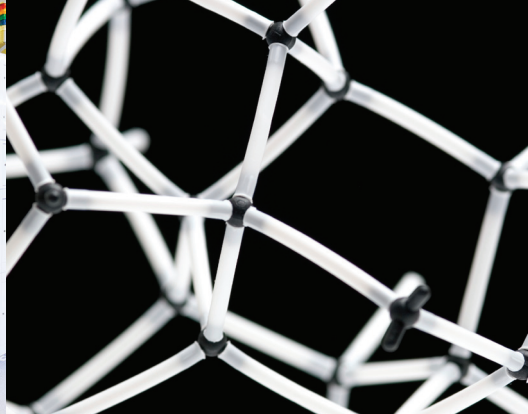
Biomedical Applications for Digital Fabrication will focus on:

- Digital fabrication in Europe
- The role of the biomedical sector
- Routes to commercialisation
- Recent technology advancements

Event Registration:

Visit: www.uk-cpi.com/events

For more information about the event contact Steven Bagshaw on steven.bagshaw@uk-cpi.com



Agenda



09:30 – 10:00	ARRIVAL & REGISTRATION
10:00 – 10:10	Dr Jon Helliwell, CPI Welcome
10:10 – 10:40	Marcel Slot, Océ-Technologies B.V. The Diginova Project
10:40 – 11:00	Kenny Dalgarno, Newcastle University Additive Manufacture for Tissue Engineering
11:00 – 11:20	Jari Pallari, Peacocks Medical Group Additive Manufacture for Orthotics and Prosthetics
11:20 – 11:40	BREAK
11:40 – 12:00	Zulf Ali, Teesside University Fabrication Challenges for Point-of-care and Organ-on-chip Devices
12:20 – 12:40	Dr.Ir. Alquin Stevens, InnoPhysics BV Surface Engineering for Biomedical Sensor Applications Using Digital Plasma Printing
12:40 – 13:00	Chris Sutcliffe, The University of Liverpool Selective Laser Melting of Ti Alloy Orthopaedic Implants
13:00 – 14:30	LUNCH & TOURS OF CPI'S NATIONAL PRINTABLE ELECTRONICS CENTRE
14:30 – 14:50	Dr Chris Dowle, CPI The National Biologics Manufacturing Centre and Digital Fabrication
14:50 – 15:10	Matthew Benning, Newcastle University The Design of High Resolution Bio Printer
15:10 – 15:30	Daniel Daryaie, Materialise Software as an enabler for 3D medical digital fabrication
15:30 – 15:50	Dr Keith Robson, Sapient Sensors Application of Digital Fabrication to Medical Point of Care Diagnostics
16:00	EVENT CLOSE