# 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.

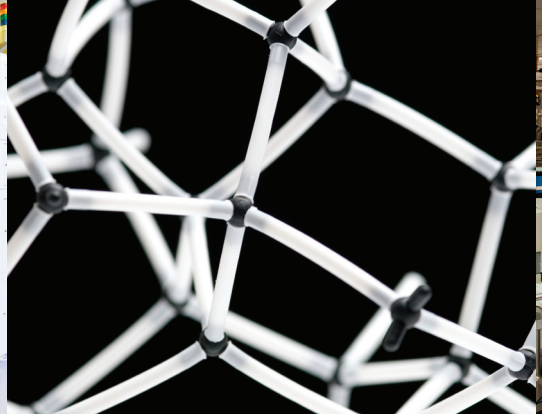
### Biomedical Applications for Digital Fabrication will focus on:

- 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

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

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