

Printing

The advent of Desk top ink jet printing revolutionized the world of personalized printing. The advent of laboratory based ink jet printers is revolutionizing the world of advanced materials and fabricated structures containing them. The ability to design and create novel structures and devices with micron resolution on a range of substrates is having a major impact on fields as diverse as: sensors, plastic electronics, RFID tags, biomaterials and NanoBionics.

Printing Bionics

Recent advances in nanotechnology has enabled many highly functional materials to be more processable including improved printability. This workshop will examine the fundamental biological, physical and chemical properties of solutions/dispersions that are required to enable the merging of biology and electronics using the most recent advances in printing.

In addition, the most recent advances in fabricating practical devices by inkjet printing will be presented by each of our invited speakers.

Speakers include:

- Prof James Yoo (Wake Forest, USA)
- Prof Paul Calvert (UMassD, USA)
- Prof Gyounjin Cho (Sunchon National University, Korea)
- Dr Nick Samaras (Labcyte Inc)
- Mr Clive Davenport (CSIRO Future Manufacturing Flagship)
- Dr Rosie Hicks (Australian National Fabrication Facility)

Workshop: Printing of Bio-Systems and Electronics: the Next Generation of Bionics

The organisers, Dr Marc in het Panhuis, Prof Paul Calvert and Prof Gordon Wallace are looking forward to seeing you in Wollongong.

Your Hosts

The 2009 Printing of Bio-Systems and Electronics workshop will be hosted by the ARC Centre of Excellence for Electromaterials Science, which is headquartered at the University of Wollongong's Innovation Campus in Wollongong, Australia.



Where to find us:

Wollongong is located just 90km by road south of Sydney (Australia), and is serviced by rail.

Further information

Please visit our website www.electromaterials.edu.au or register your interest by sending an email to panhuis@uow.edu.au Registration costs will apply.



Sponsored by



Australian Government
Australian Research Council