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**The University of Sydney**



## **MEDIA RELEASE**

### **AUSTRALIAN ADVANCES IN FIBRE-OPTIC TECHNOLOGY TO BE SHOWCASED AT THE 18TH INTERNATIONAL CONFERENCE ON PLASTIC OPTICAL FIBERS (POF2009).**

Provision of ultra-fast broadband within the home or office, medical sensing, and energy efficient lighting are just part of the highly topical program to be covered by some of Australia's leading researchers in the 18th International Conference on Plastic Optical Fibers (POF2009).

With the Australian Government's announcement of a \$43 billion investment in fibre-optics in April this year, the POF2009 offers an opportunity to highlight current groundbreaking research in the rapidly developing area of photonics and optics.

Dr Maryanne Large, a senior researcher with The University of Sydney's Institute of Photonics and Optical Science (IPOS) and POF2009 co-convenor, says that the conference is "highly relevant in an Australian context."

Dr Large's research into polymers includes fibre-to-home connections. "Polymer-optical fibres are one of the leading technologies involved in the provision of fibre-to-the-home as well as home and office networking. They are particularly significant in linking optical networks to consumer electronics due to their easy installation and safe handling."

Professor Leon Poladian, a fellow University of Sydney researcher and POF2009 co-convenor agrees, "The 2009 Conference is a unique research and development forum - featuring presentations of some of the leading, international demonstration projects including the GigaHouse Project in Japan, and European POF-PLUS project. It's a great showcase for Australian innovation and development in this technology."

World leaders in POF research and commercialised projects are presenting at the Sydney POF Meeting, and on-line registration for the conference is still accepted. The 18th International Conference on Plastic Optical Fibers (ICPOF2009) will be held in Sydney, Australia from the 9-11 of September at Dockside on Darling Harbour.

For more information on the Conference visit: <http://pof2009.mtci.com.au> or contact: [pof2009@mtci.com.au](mailto:pof2009@mtci.com.au) Tel: +61 2 9524 1799

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