

## Call for papers

### The Seventh IT&T Conference “Digital Convergence in a Knowledge Society”

Institute of Technology Blanchardstown, Dublin, Ireland

25<sup>th</sup> - 26<sup>th</sup> October 2007

IT&T is now a major national and international conference organised with the aim of bringing together researchers, developers and practitioners from academia and industry working in the areas of Information Technology and Telecommunications. At the start of the 21st century, we are now acutely aware of the impact of broadband on our interaction with the Internet. This impact has now reached from the e-Economy to the level of the individual. We are in transition from a knowledge economy to a knowledge-based society. This society brings problems of access to Internet-based information on a huge scale together with the creation and management of new knowledge. How can ICT help and what is the role of innovative new information and communications technologies in this transition? The technology challenges are concerned with finding new ways to access, deliver and present multimodal digital information on a scale never before experienced, over the Internet. The required convergences of speech and language processing, audio and video, statistical approaches to information retrieval and search, the emergence of the semantic web with high bandwidth and robust adaptable delivery channels are enabled by advances in ICT and novel software applications.

This conference welcomes technical research papers concerned with the broad scope of  
***Digital Convergence in a Knowledge Society.***

Papers are invited on, but are not limited to, the following themes:

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| <ul style="list-style-type: none"><li>• <i>E-learning technologies</i></li><li>• <i>Web 2.0 and Next Generation Web</i></li><li>• <i>Ubiquitous and Distributed Computing</i></li><li>• <i>Adaptive Computing</i></li><li>• <i>Health Informatics</i></li><li>• <i>Sensor Networks</i></li><li>• <i>Digital Signal Processing</i></li><li>• <i>Network Planning</i></li><li>• <i>Quality of Experience and Service</i></li></ul> | <ul style="list-style-type: none"><li>• <i>Speech and Language Processing</i></li><li>• <i>Games and Entertainment</i></li><li>• <i>Computer Vision</i></li><li>• <i>Digital Convergence</i></li><li>• <i>Wired and Wireless Networks</i></li><li>• <i>Network Management</i></li><li>• <i>Security and Forensics</i></li><li>• <i>Open Source Developments</i></li></ul> |
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#### **Deadline dates:**

Paper registration:	Open from 1 <sup>st</sup> July 2007
Receipt of papers [and posters]	7th August 2007
Acceptance notification of papers	10th September 2007
Receipt of Camera-ready papers	1st October 2007

A call for the doctoral symposium will follow later.

#### **Format**

Papers (PDF format): typically 6 – 8 pages, max 10 pages. See IT&T guidelines: [www.ittconference.ie](http://www.ittconference.ie)

#### **for details**

Posters (PDF format): 4 pages max. See IT&T guidelines.

#### **The Technical Programme Committee:**

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