

Call for Papers

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The 11th IT&T Conference 2012

ICT for a more Sustainable Planet

Cork Institute of Technology, Ireland

29th - 30th March 2012

In our increasingly digital world, information and communication technologies are seen as a means to make our planet more sustainable by reducing energy consumption, improving transport and health care, helping people to live independently for longer, improving communication among people, and many other benefits. A smarter planet can only be brought about by embedding ICT technologies and deepening the reach of the Internet into the fabric of our lives; including creating smart grids, smart cities, smart work-places, and smart homes. Technologies that support this will range from cloud computing to embedded systems, and from web technologies to digital signal processing and control systems.

IT&T is a major 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. Ireland has a strong research base in this area and the conference aims at creating a forum for researchers and industrialists to present their latest research results and developments discuss ideas and demonstrate applications. A particular motivation for this year's conference is to strengthen relations between industry, research laboratories, and third level institutions working towards a more sustainable planet.

The conference organisers are interested in receiving contributions on a broad range of research themes that are of relevance to the conference main theme. Relevant topics include but are not limited to:

- **Wireless and mobile networks**
- **Sensor networks and embedded systems**
- **Energy efficient computing and communications**
- **Ubiquitous and distributed computing**
- **Cyber physical systems**
- **Security in information and telecommunication systems**
- **Web technologies for a smarter planet**
- **Digital signal processing**
- **Adaptive computing**
- **Management of ICT systems**
- **Cloud computing and services**
- **Applications of artificial intelligence and machine learning**
- **ICT for health, transport, traffic, water, and energy**
- **Open source development**
- **Data, text and web content mining**
- **ICT for education**

The conference will be structured around technical presentation sessions, keynote speeches and panel discussions with leading experts, and poster sessions.

Key dates:

Paper registration:

Open from 1st November 2011

Receipt of full and short length papers:

23rd December 2011

Acceptance notification:

10th February 2012

Final paper due:

2nd March 2012

Authors Information:

Authors are requested to submit full papers not exceeding 8 pages for oral presentations and short papers not exceeding 2 pages for poster presentations. See IT&T guidelines: <http://www.ittconference.ie>