



Call for papers

3rd CMI international conference 25-26 November 2010

Topic: Green ICT –is ICT part of the solution or the problem?

Venue: CMI, Aalborg University in Copenhagen, Lautrupvang 15, Ballerup, Denmark

Environmental issues are becoming part of the agenda in almost any kind of technology policy debate. ICT is often seen as the technical solution, which can alleviate the climate change as well as other environmental problems. At the same time production and use of ICT equipment is energy consuming and an increasing share of the energy consumption is related to ICT.

This conference will address technology as well as strategic and policy issues concerning the relationship between ICT development and the environment. The conference will focus on the role of ICT in more intelligent processes for production and consumption of energy. This includes:

- Direct effects: Consumption of energy and non-renewable resources in the ICT sector. How can hardware and software production and network architecture become greener.
- Enabling effects: How can ICT reduce energy consumption in other sectors: Video conferencing instead of travelling, home work place, intelligent traffic systems, smart buildings etc.
- Systemic effects: Green ICT as a model for innovation. How can green ICT change the way we live and work and result in reorganization of production and consumption

Topics at the conference are – but not limited to:

- Development of energy saving ICT technologies such as smart buildings and Intelligent Traffic Systems
- Environmental impacts of ICTs, the Internet and their applications, mobile solutions for reducing energy consumption
- Analysis of the relationship between ICTs, the environment, and climate change, the rebound effect of ICT
- Green ICT business models and innovation strategies for green ICT
- Comparison of national “Green ICT” policies and good practice approaches

The conference is co-sponsored by IEEE Denmark Section and Copenhagen Mobile and Wireless Consortia, CMWC.

Important dates:

- Deadline for abstracts 1 September 2010

- Notification of acceptance 1 October 2010
- Deadline for full papers 1 November 2010

Abstract should be uploaded no later than 1 September 2010. Abstracts should be about 2 pages long (800 to 1000 words) and contain the following information:

- Names, addresses, affiliation and e-mail addresses of authors
- Research question
- Some remarks on methodology
- Expected results
- Bibliographical notes (main references used in the paper)

All papers will be published in electronic proceedings. A special journal issue on green ICT including selected papers will be prepared after the conference.

Please forward abstracts and panel session suggestions for the conference to:
Iwona Windekilde: iwona@cmi.aau.dk

Organising committee

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More information on the conference website at <http://conf.cmi.aau.dk/>

Questions regarding the conference should be addressed to: cmi@cmi.aau.dk

About CMI

Center for Communication, Media and Information Technologies (CMI) is a new cross-disciplinary center under the Department of Development and Planning at Copenhagen Institute of Technology, Aalborg University.

CMI's mission is to explore and develop the potential of new converging communication, media and information technologies and associated platforms (mobile, Internet, digital TV, etc.) and to offer competences and expertise to companies and public institutions within this area.

Research at CMI is carried out in the form of analyses of concrete needs of end users, companies and organizations; identification of social, cultural and regulatory boundaries and implications of the application of these technologies; and analyses of market aspects and development of new business models. CMI contributes with a creative and innovative approach to development of new concepts, solutions, applications and services based on ICT, e.g. in the form of prototypes, demos and pilot projects.

The education program of CMI will target technical-scientific and engineering students (bachelor, master and PhD level) and offers solid technical competences within ICT combined with a unique cross-disciplinary understanding of user- and market-related aspects of ICT. Furthermore, CMI offers a continuing education as master in ICT (miCT).

CMI is part of CTiF Copenhagen, one of the branches of Center for TeleInfrastructure. For more information about CTiF please refer to the CTiF web site: <http://ctif.aau.dk>.

For more information please refer to CMI's WEB site: <http://www.cmi.aau.dk/>