

IEEE EuroCon Special Session: Energy efficiency in telecommunications

Organized by:

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Purpose of this special session

The intention of this Special session is to provide a detailed discussion on the integration of two currently very hot research areas – the efficient use of energy, and advances in the telecommunications field. We aim to offer power as well as telecommunications engineers and researchers an opportunity to collaborate and present their ideas, work and contributions associated with energy savings achieved by telecommunication infrastructures.

The general need to minimize the environmental impact on climate change caused by increased CO₂ and other greenhouse gas concentration levels in the atmosphere calls for optimization and reduction of energy consumption in all aspects. The telecommunications industry offers a very perspective domain for improving energy efficiency, with approximately 3 percent of the total worldwide electrical energy being consumed by Information and Communication Technology. This special session will focus on various aspects of energy efficient communications, including those related to the design and performance of energy efficient protocols, systems, architectures, and applications. Furthermore, the telecommunications field offers support for energy savings solutions by providing platforms for data exchange, optimization of smart grids, heating/cooling, etc.

We encourage the authors with interest in these research fields to submit their original contributions.

Author instructions:

Paper format is the same as for the general conference. All submissions to this special session will be subjected to peer review coordinated by the Special Session Chair(s) and TPC Chairs. The papers should be submitted **via email** to the Special Session organizers:

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Important Dates:

Manuscript submission	February 1st, 2013 February 18th, 2013
Notification of acceptance	March 15th, 2013
Camera ready papers	April 15th, 2013

For more information please check the conference website at <http://www.eurocon2013.org/> or contact the Special Session organizers. Conference fee for Special Session authors is the same as for the general conference.

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