



ICT for Energy

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Message from the Guest Editors

Dear Colleagues,

The transformation of the energy system is creating the need for a convergence between the energy and ICT domain. This is particularly true for the electrical grid infrastructure. The so-called Smart Grid is the integration of a distributed intelligent infrastructure on top of the traditional grid. This Special Issue aims at exploring the most advanced examples of interactions of these infrastructures. The main goal is to show how the confluence of Energy and ICT is shaping a completely new scenario for electrical grid operation and planning defining new roles and scenarios. This transformation is affecting all the stakeholders: Distribution grid operators, but also the end customers, now better defined as prosumer for their active role. Papers that present results related to concrete deployments in field test are particularly welcome. Potential topics include, but are not limited to:

- Distributed intelligence for grid automation
- Cloud applications
- Active distribution grids

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Message from the Editor-in-Chief

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