



IET Communications Call for Papers

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SPECIAL ISSUE ON: Advances in Enabling Technologies for Green Communications and Networking

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In response to the increasing concerns about energy supplies and greenhouse gas emissions, there have been significant efforts in developing new technologies and strategies for making our communication and information networks more green while still meeting heterogeneous service requirements. This special issue is dedicated to the publication of the latest advances in enabling technologies for green communications and networking, and we invite contributions in this field.

Topics of interest for this Special Issue include, but are not limited to:

- Green-oriented designs for key technologies of 4G/5G Systems (e.g., ultra dense small cells; massive MIMO; non-orthogonal multiple access; D2D communications; user-centric and content-centric networks; mobile data offloading)
- Green-oriented designs for key technologies of next generation WiFi (e.g., mm-wave; visual light communications; full-duplex)
- Green technologies for V2X communications (e.g., DSRC; TVWS; LTE-V; V2V/V2I cooperation optimisations)
- Green technologies for internet of things (e.g., smart sensing and data aggregation; machine-type communications; relay and cooperative communications for IoT; NB-LTE)
- Energy harvesting and wireless energy transfer technologies (SWIPT; waveform design and optimization; data and energy beamforming; opportunistic wireless energy harvesting strategies)
- Green energy management and communications in smart grid (e.g., communication architectures and networking protocols for smart grid with renewable energy integration; delay sensitive and multimedia communications in smart grid; energy and resource management in smart grid with renewable energy integration)

All papers must be submitted through the journal's Manuscript Central system:
<http://mc.manuscriptcentral.com/iet-com>

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