

Call for Nominations for Editors of IEEE Transactions on Green Communications and Networking (TGCN)

Overview

The IEEE Communication Society (ComSoc) Technical Committee on Green Communications and Computing (TCGCC) invites nominations for *two Editors* for the journal IEEE Transactions on Green Communications and Networking (TGCN). TGCN is a flagship ComSoc journal in the field of Green Communications, Networks and Computing. The journal is co-sponsored by the IEEE Communications Society (ComSoc), the IEEE Signal Processing Society (SPS), and the IEEE Vehicular Technology Society (VTS).

The Scope of TGCN

TGCN is committed to timely publishing of high-quality manuscripts that advance the state-of-the-art of “green” communications and networks, including wireline, optical, and wireless communications and networks. Green communications and networking in this context means sustainable, energy-efficient, energy-aware, and environmentally aware communications and networking. The Journal will promote innovations, new technologies, concepts, and principles that will underpin a sustainable information and communications technology (ICT) eco-system. One of the objectives of the journal is to be the prime reference on the sustainable growth of the wireless infrastructure.

Topics of interest include but are not limited to: green wireline, optical, and wireless communications and networks; network and physical layer design, strategies, algorithms, protocols, and scheduling that consider environmental factors; energy-efficient and energy-aware heterogeneous networks, self-organized, and low-power sensor networks; energy efficiency in machine-to-machine communications, cooperative communications, and smart grid networks; energy harvesting, storage, and recycling for network cross-layer optimization; environmentally-aware designs of communications and networking devices and systems; and communications and networking for environmental protection monitoring.

Nominee

The nominee must be a member in good standing of the IEEE ComSoc TCGCC, with a background in the field of Green Communications, Networking and Computing. Desirable qualities include: solid technical accomplishments, integrity and ethical standards. The duties include interaction with authors, initiating and monitoring the review process to its completion, ensuring that the journal follows the IEEE Policy and Procedures, maintaining the intellectual integrity and timeliness of the journal. The standard term of an editor is three years and can be renewed for another two years; and the average workload is about 15 papers per year.

Nominations must include:

- Name of candidate and nominator (self-nominations are acceptable).
- A brief biography of the nominee of no more than one page with: (i) relevant research activities that are directly aligned with the scope of the journal; and (ii) the contributions/involvement in TCGCC
- The candidate’s 2-page CV with relevant publication lists, editorial and review, and a list of up to 6-8 keywords that the candidate can handle for TGCN

- The elements of the nomination package should be combined as a single PDF file with the nominee's CV appended at the end

Nomination submission

Submission: nominations should be sent to the TCGCC Secretary Prof. Kai Yang (yangkai@ieee.org), and copied TCGCC Chair Prof. Yan Zhang (yanzhang@ieee.org)

Deadline: August 30, 2021

Selection

We will conduct a voting process in the selection committee and then select up to two (2) candidates per the above requirements. TCGCC will send the selected candidates to the EiC of TGCN and EiC will make the final decision.