

Special Issue

Power Line Communication (PLC) Evolution: New Challenges and Innovative Solutions

Message from the Guest Editors

This Special Issue aims at collecting original paper contributions related to the understanding of how PLC is adapting to the new landscape, the identification of the challenges, and the description of both up-to-date developed solutions and new ones that can stem from longer-term research efforts. The topics of interest include but are not limited to: Analysis of new PLC challenges; Advances in PLC technologies (PHY, MAC and upper networking layers); Hybrid architectures with PLC networks (radio, visible light, etc.); Software defined PLC networks and virtualization; PLC for smart grids, smart metering, and grid control; PLC applications in non-grid-related environments (in-vehicle, in-home, industrial, IoT, etc.); PLC experimental and deployment results.

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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