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

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Deadline for manuscript submissions:

closed (22 February 2021)

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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Special Issue



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Message from the Editor-in-Chief

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