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Advanced Wireless Communication Technologies and IoT Application for Smart Distribution System

Guest Editor:

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Deadline for manuscript submissions:
closed (30 June 2022)

Message from the Guest Editor

Dear Colleagues,

There is a continuous movement from traditional distribution systems to Smart Distributions System (SDS) with a vision of achieving higher system reliability, resilience and self-healing capabilities. The modern distribution system is powered by the advancement of wireless communication technologies and wide use of IoT applications. Advanced communication network and IoT applications enable better visibility and produce meaningful data for a self-healing grid. There are a number of standards and communication protocols that currently support a strong grid that connects a large number of intelligent electronic devices such as smart meters, remote control switches and IEDs. Flexible data communication architecture and intelligent use of IoT applications can provide a solution to contemporary utility challenges such as efficiency, reliability and resiliency.

The goal of this Special Issue is to disseminate the recent theoretical and practical results in advanced wireless communication and IoT applications that enable the SDS. Review papers on these topics are also welcome.

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Message from the Editor-in-Chief

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