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Reliable and Sustainable Cloud Computing, IoT and Blockchain Applications for Smart Grids

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Message from the Guest Editor

New technologies shape our future. We are witnessing increased digitalization and transformation into digital and intelligent society. As result, software appears in every aspect of human life. Software is getting more and more complex and is frequently used as middleware interconnecting various application domains and has to satisfy reliable and sustainable operation in harmony with variety of interconnecting systems. Dominant technologies are blockchain services, Internet of things and cloud. In this setup numerous computing issues have to be resolved. We still lack systematic knowledge to engineer these varieties in software systems across various application domains that are interconnected within smart grids and how to cope with their integration, interconnection and complexity.

In order to address this research gap, this Special Issue welcomes papers that offer novel research contributions in any aspect characterizing the role and impact of Cloud Computing, Internet of Things and Blockchain technologies on the reliable and sustainable operation of smart grids.



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Special Issue



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Message from the Editor-in-Chief

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