



## Automated Diagnostics and Analytics for Smart Energy and Power Networks

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Deadline for manuscript  
submissions:

**closed (15 March 2021)**

### Message from the Guest Editors

Dear Colleagues,

The market for digitalization in the energy sector is growing fast and is expected to reach \$64 billion by 2025. Energy and power networks are extremely important for the energy sector. Several forecasts confirm that distribution automation will see the digital revenues rise from \$4 billion in 2017 to \$10 billion in 2025. Digitalization can yield 10%–20% in energy savings in district heating systems, cut peak loads by 20%, and save up to 30% in maintenance costs in district heating systems. Digital transformation is inevitable. It is a crucial driver of revenue and economic growth. It is important to invest in automated diagnostics and analytics to enjoy the full potential and benefits of the digitalization of power and energy networks. This Special Issue aims to serve as a platform to report research results and findings on diagnostics, prognostics, and analytics with applications in energy networks such as power distribution grids, district heating networks, gas networks, etc. We would therefore welcome your submissions within the aforementioned areas.

Assoc. Prof. Hamid Reza Shaker

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*Guest Editors*





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## Editor-in-Chief

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## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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