Selected Papers from the 20th IEEE International Conference on Environment and Electrical Engineering (EEEIC 2020) Special Session "Forecasting & Prognostic in Power Systems"

Guest Editors:

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Deadline for manuscript submissions:
closed (30 June 2021)

Message from the Guest Editors

Dear Colleagues,

This special EEEIC session is about power forecasting and prognostic techniques in power systems. The main topics can be summarized as follows:

Energy Forecasting:

Forecasting of intermittent energy resources;

Wind and solar power forecasting;

Forecasting of demand (load) and price of electricity;

Load and generation forecasting in smart grid and microgrids;

Forecasting methods in energy planning models.

Forecasting of Remaining Useful Life:

Forecasting methods for reliability;

Maintenance and safety;

Smart device and prediction of system reliability;

Prognostics and system health management;

Predictive and prescriptive maintenance.

Prof. Dr. Sonia Leva
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Guest Editors

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

The new open access journal Forecasting provides an interdisciplinary forum for all aspects related to the immensely broad field of time series analysis and forecasting. The range of applications in forecasting is enormous, from energy forecasting or economic analysis of stock indices prediction, climate forecasting, chemical or natural process forecasting, etc. It is the aim of the journal to publish relevant topical contributions for the scientific community of forecasting in a timely manner. We would like to invite you to contribute to the journal by sending us your high quality research papers and would be pleased to welcome you as one of our authors.

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