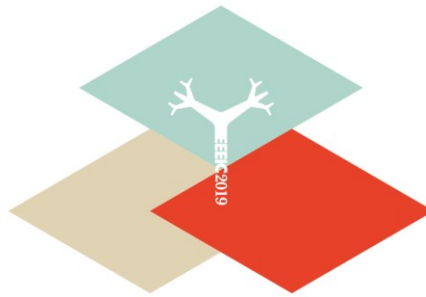




INDUSTRIAL AND COMMERCIAL
POWER SYSTEM
EUROPE



GENOVA | ITALY | 11th,14th June 2019



INTERNATIONAL CONFERENCE
ON ENVIRONMENT
AND ELECTRICAL ENGINEERING

SPECIAL SESSION

BLOCKCHAIN, DIAGNOSIS AND RELIABILITY FOR RENEWABLE ENERGY SOURCES

ORGANIZED AND CHAIRED BY:
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OBJECTIVE AND TOPICS

The Special session will be focused on the issues related to the monitoring of the performance of Renewable Energy Sources (RES), on the diagnosis of failures of RES, on the reliability, and on the resilience. Often these systems are integrated in the electrical grid, constituting smart-grids, or inserted in micro-grids. Moreover, the reliability of the P2P energy exchange is becoming a hot topic, and several researchers are studying in depth the application of the blockchain technology.

It is becoming very important the issue

Areas of interest include, but are not limited to:

- ❖ Photovoltaic systems
- ❖ Concentrating solar systems
- ❖ Concentrating photovoltaics and thermal (CPT) systems
- ❖ Wind systems
- ❖ Tidal systems
- ❖ Storage systems for RES applications
- ❖ Innovative sensors and data acquisition systems
- ❖ Signal processing for NDT
- ❖ Technical diagnostics and prognostics
- ❖ Artificial intelligence techniques and machine learning for diagnostics
- ❖ Decision support and IT solutions for diagnostics
- ❖ IoT
- ❖ Modelling of renewable energy devices and systems
- ❖ Blockchain for the energy sector

All the instructions for paper submission are included in the conference website: <https://www.eeeic.net/eeeic>