

BLORIN 2022

1st Workshop on BLOckchain for Renewables INtegration 2022

BLORIN 2022 is the first international workshop on the application of the blockchain for the integration of renewable energy in small islands. The conference aims to compare the results of projects in relevant scientific areas and collect scientific contributions presenting design methodologies, techniques, and experimental results dealing with energy blockchain, renewables, vehicle-to-grid, demand response with a particular focus on their application in small geographical islands. The workshop will also present the results of the project BLORIN, financed with cohesion funds under Action 1.1.5 POFESR 2014-2020 from the Sicilian region. The workshop will host a round table for designing the next steps for a reliable and secure energy transition of small islands and power systems considering the new opportunities offered by blockchain and other modern ICT following the smart grids paradigm with a focus on the regional ecosystem. It is expected to bring together researchers and practitioners from different fields of Electrical, Energy, Environmental, Information and Telecommunication Engineering.

The list of topics of the workshop includes but is not limited to:

- Demand Response and Demand Side Management
- Energy Blockchain
- ICT applications for Smart Grids, Smart Cities and Smart Islands
- Microgrids Management and Control
- Energy Security
- Telecommunication systems for Smart Grids
- Energy Efficiency in isolated microgrids and small islands
- Renewable Energy Scenarios for Smart Islands
- Vehicle-to-Grid and e-mobility
- Renewable Energy Traceability with the Blockchain
- Decarbonization of small islands not connected to the main grid
- Flexibility aggregation of distributed flexible resources
- Smart Contracts for Smart Grids
- EMC in weak grids

Dates and Deadlines

- Preliminary 3 pages abstract submission in IEEE format:
June 15, 2022
- Notification of acceptance:
June 30, 2022
- Final paper submission:
July 31, 2022
- Conference:
2-3 September 2022

Venue: Palermo, Italy

