

Energy Finance Italia 9
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Università degli Studi di Bari "A. Moro"
Italy

**Special Session Proposal on
Decision support models and methods for Energy Transition**

Organizers:

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Nowadays, the transition towards sustainable energy represents a major challenge requiring a coordinated, global effort to address pressing environmental concerns and to secure a more resilient energy future. In this contest, decision support models and methods play a pivotal role in guiding stakeholders's choices.

This special session aims to bring together experts, researchers, and practitioners to present the most recent scientific contributions on advanced methodological approaches to address decision making problems arising in modern energy markets, with a special focus on the impact of the uncertainty deriving from the integration of renewable-based energy production.

We invite contributions related to, but not limited to, the following methodological areas:

- Data analytics and machine learning applications
- Multi-criteria decision analysis
- Stochastic Programming and Robust optimization approaches
- Bi-level optimization
- Dynamic Programming
- Risk assessment

We welcome contributions in the form of research paper, review articles, case study and tool demonstrations.

Sincerely,
Patrizia Beraldi
Antonio Violi