



Journal of Renewable Energies

Revue des Energies Renouvelables



**The first International Conference on
Advanced Materials and Energy Technologies
and
Workshop on Additive manufacturing (AM),
DFT Calculations and Characterizations Techniques**



AMET'24, October 12-13, 2024

Oum El-Bouaghi University, Institute of Technology (Algeria)

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Editorial of the Special issue AMET'2024

The first International Conference on Advanced Materials and Energy Technologies (AMET'24) was held from October 12 to 13, 2024, at Oum El-Bouaghi University (Algeria).

The AMET'2024 conference featured plenary presentations and contributed poster presentations on cutting-edge research in the field of advanced materials and energy technologies. The work presented covered three topics:

- Advanced Materials and Their applications.
- Nanotechnology engineering and Additive manufacturing;
- Renewable Energy and Storage.

This special issue of the Journal of Renewable Energies contains selected papers presented on the topic *Renewable energy and storage*, including: Heat and mass transfer; Heat exchangers; Fluid dynamics and CFD; Renewable energies and sustainable development; Hydraulic and thermal turbomachines; Aerodynamics and aeronautics; Biosystems engineering; Cogeneration of heat and power; Biomass; Energy Storage Technologies; Green Hydrogen.

The Editors would like to thank the authors, reviewers and the Technical Committee for their contribution to the success of this conference.

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