



Uirtus International Conference, Edition 2022 Niamey, Niger



Uirtus IC Edition 2022



December 5-7th, 2022, Niamey, Niger



Under the auspice of the Minister of Higher Education, Research and Innovation of Niger, Mamoudou DJIBO, PhD, the Uirtus International Conference, UIC Edition 2022, is intended to provide an international forum of discussion and promotion of research advances in African and Mediterranean countries. It includes, but not limited to Sustainable Development and International Technology Transfer in these countries.

UIC 2022 is receiving technical co-sponsorship by the IEEE Lasers and Electro-Optics Society.



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Call for Papers

Symposium on Renewable Energies and Energy Efficiency (REEE)

Renewable Energies are sources of clean, inexhaustible and increasingly competitive energy [1]. They differ from fossil fuels principally in their diversity, abundance and potential for use anywhere on the planet, but above all in that they produce neither greenhouse gases – which cause climate change – nor polluting emissions. Their costs are also falling and at a sustainable rate, whereas the general cost trend for fossil fuels is in the opposite direction in spite of their present volatility.

Growth in clean energies is unstoppable, as reflected in statistics produced annually by the International Energy Agency (IEA)[2]: they represented nearly half of all new electricity generation capacity installed in 2014, when they constituted the second biggest source of electricity worldwide, behind coal.

According to the IEA, world electricity demand will have increased by 70% by 2040 - its share of final energy use rising from 18 to 24% during the same period – driven mainly by the emerging economies of India, China, Africa, the Middle East and South-East Asia.

The main goals of this symposium is to bring together leading academic scientists, researchers to exchange and share their experiences and research outcomes on all aspects on Renewable Energies and Energy Efficiency .

Contributions are invited on following topics including but not limited to:

- Power Systems
- Energy Efficiency
- Wind and Solar Energy
- Water Power Engineering
- Environmental Engineering
- Thermal Power Engineering
- Hydrogen Energy and Fuel Cells
- Environmental Engineering Design
- Hydraulics and Water Management
- Fossil Fuels and Clean Technologies
- Renewable Energies, Fuels and Resources
- Energy conversion and management

Authors are cordially invited to submit the contributions (in electronic form, MS Word accompanied by a PDF version) for Regular and Poster Sessions to **uic@iaer.tn** by **September 30th, 2022**. More information can be found on the UIC Edition 2022 website: **www.iaer.tn/uic/uic-2022**.

The authors will be notified on the acceptance by **October 30th, 2022**. Post-deadline papers with recent results are requested by **November 15th, 2022**. Accepted papers will be published in the conference proceeding.

References

- [1] Renewable energy: An overview DOE/GO-102001-1102 FS175 March 2001
- [2] International Energy Agency <http://www.iea.org>

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