

VII. European Conference on Renewable Energy Systems

June 9-11, 2020, Istanbul, Turkey

<http://www.ecres.net>

Special Session on “Advances in Wind, Photovoltaic, Harvesting and Battery Systems”

Organized by: Jose Manuel Lopez-Guede (jm.lopez@ehu.es), Basque Country University, Spain

We are pleased to invite you to submit research articles to this Special Session in the VIII. European Conference on Renewable energy Systems – ECRES 2020 in Istanbul (Turkey) to bring together innovative academics and industry experts in a common forum.

Note: Given the actual international emergency, it is possible to make *virtual presentations*.

Topics of interest (not limited to):

- Active & Passive Flow Control devices
- Wind Turbine Control Strategies, with special remark in Intelligent algorithms
 - Robust Control & QFT
 - Adaptive Control algorithms
 - Intelligent algorithms applied to Wind Turbine Control adjustment
- Computational Fluid Dynamics for Wind Turbine Rotor Aerodynamics
- Advanced modeling of offshore Wind Turbine
- Micrositing and wind resource evaluation
- Integration of Wind Energy into Future Grid Systems
- Floating platforms
- Modeling Photovoltaic Systems
- Implementation Photovoltaic Systems
- Simulation Photovoltaic Systems
- Maximum power point tracker in Photovoltaic Systems: Features, control, models, strategies, etc.
- Modeling anti-islanding protection devices for photovoltaic systems
- Anti-Islanding Methods
- Energy Harvesting Systems
- Battery Systems: State of Health, State of Charge, Lead of Charge, Lead Acid Battery, Battery Management, etc.

Publication:

All accepted papers will be published in a special Conference Proceeding. High amount of papers presented in the Conference will be published after peer-review in several reputable journals: (browse the updated information in the website of the conference)

- Energies (SCI / Q2 Class)
- Proceedings the Institution of Mechanical Engineers-A (SCI-E / Q2 Class)
- The Journal of The Minerals, Metals & Materials Society (SCI / Q1 Class)
- Energy Sources, Part B: Economics, Planning, and Policy (SCI / Q2 Class)
- Int. Journal of Renewable Energy Development (E-SCI)

- Turkish Journal of Education (E-SCI)
- Technology and Economics of Smart Grids and Sustainable Energy (Scopus)
- Applied Solar Energy (Scopus / Q3 Class)
- Int. J. Sust. Energy Planning and Management (Scopus / Q1 Class)
- Journal of Polytechnic (E-SCI)
- Journal of Energy Systems (Scopus)

Important dates:

- Abstract/Full-text Submission Deadline: 15th April 2020
- Early-bird registration ends on 30th April 2020
- Conference Dates: 9-11 June 2020

Abstracts / Full Papers submission:

Abstracts (maximum 1 page) and Full Papers (maximum 6 pages) are encouraged.

Template and submission system: <http://www.ewres.info/submission.html>

Organizers:

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Paper Submission: <https://www.ecres.net/submission.html>

Note: While submitting your paper to the submission panel, please select the track under the name “Special Session E”. That is very important.