

## Special Issue

# Frequency Stability and Control in Future Power Systems

### Message from the Guest Editor

You are kindly invited to submit your relevant work in the field of “Frequency Stability and Control in Future Power Systems” to be published in this special edition of the *Energies* journal. Some topics covered in this Special Issue are:

- Adapted strategies of the hierarchical frequency control
- New solutions for TSO-DSO interaction for active power balancing and frequency control
- The role of energy storage systems in the frequency control and stability
- PMU-based frequency monitoring and control
- Evaluation of the minimum mechanical and synthetic inertia required to support system stability
- Integration of virtual power plants and microgrids in the frequency control schemes
- Real-time monitoring of mechanical and synthetic inertia
- Adapting the ancillary services and balancing markets to deal within the future power generation context
- Control schemes of wind and photovoltaic systems

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### Guest Editor

Prof. Dr. Lucian Toma

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### Deadline for manuscript submissions

closed (31 December 2021)



## Energies

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## About the Journal

### Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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