

## Special Issue

# Active Disturbance Rejection Control in Power Electronics

### Message from the Guest Editors

*Energies* is delighted to invite prospective authors to submit original research papers covering innovations associated with active disturbance rejection control in power electronics. Topics of interest include, but are not limited to:

- active disturbance rejection control (ADRC)
- extended state observer (ESO)
- state and disturbance observer
- control system design
- power electronics control
- disturbances and uncertainties
- stability and reliability
- power quality
- sensor noise suppression
- AC or DC power electronic converters
- multilevel power electronic converters
- DC or AC microgrids
- renewable energy integration
- electric drive
- electric vehicles
- electrical energy conversion systems
- hardware-in-the-loop testing
- power hardware-in-the-loop testing

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### Guest Editors

Dr. Baoling Guo  
Prof. Dr. Hebertt Sira Ramirez  
Dr. Rafal Madonski

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### Deadline for manuscript submissions

closed (10 January 2023)



## Energies

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*Energies*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto:energies@mdpi.com)

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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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### Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University  
Niccolò Cusano, 00166 Roma, Italy

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