

## Special Issue

# Analysis, Design and Optimization of Electric Machines

### Message from the Guest Editor

In recent decades, electrical machines have seen extensive development, both scientific and technology-related. New concepts in design, introduction of new materials, increased efficiency, and involvement of new optimization and calculation techniques allow broadening their utilization in different industrial areas. They are recognized as important components in many traditional industrial applications, such as industrial drives, power generation systems, and home appliances, as well as in new, emerging ones such as electrical vehicles, medicine, aeronautics, and autonomous subsea vessels. This Special Issue serves to address the present challenging issues with new designs and optimization techniques in the field of electric machines.

- Electric machines;
- Electromagnetic design;
- Thermal design;
- Optimization techniques;
- Measurement techniques;
- Analytical methods;
- Numerical methods;
- Stray effects;
- Stray losses;
- High-speed electric motors;
- Low voltage electrical machines;
- Magnetic materials;
- Electrical machine parameters;
- Parameters of equivalent circuits

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### Guest Editor

Prof. Dr. Damijan Miljavec

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### Deadline for manuscript submissions

closed (31 January 2023)



## 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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### Editor-in-Chief

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