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Magnetic Field Computations and Energy Efficiency Studies in Electrical Machines

Guest Editors:

Dr. Dan-Cristian Popa
Department of Electrical Machines and Drives, Technical University of Cluj-Napoca, 28 Memorandumului Street, 400114 Cluj-Napoca, Romania

Prof. Dr. Emil Cazacu
Department of Electrotechnics, Faculty of Electrical Engineering, University "POLITEHNICA" of Bucharest, Splaiul Independentei 313, Sector 6, 060042 Bucharest, Romania

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Message from the Guest Editors

Dear colleagues,

This Special Issue aims to publish studies on Transverse Flux Machines based mainly on, but not limited to Magnetic Field Computations and Energy Efficiency Studies. These analyses are challenging for the researchers as the topology of this type of electric machine is usually complicated and can be subject to various innovations in order to make it attractive for series production. Given the above considerations, topics of interest are:

- Innovative design of rotary and linear machines, with or without permanent magnets
- Techniques for optimization
- Analytical and numerical electromagnetic analysis
- Application of new magnetic materials
- Thermal and mechanical simulations
- Control strategies
- Noise, vibration and heat analysis on transverse flux machine
- Energy Efficiency Studies
- Energetical Optimisation Analysis

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Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

Message from the Editor-in-Chief

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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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