

Special Issue

Electrical Machines and Drives: Modeling, Simulation and Testing

Message from the Guest Editors

Electrical machines and drives have been central elements of various applications in high and average power electrical engineering for over a century. Owing to the increase in the diversity of specialized electrical machines, with their functional and constructive particularities, it has also been possible to operate them in low power. Lately, this domain has reached another level as a result of new applications in connection with the concept of “global warming”, one more reason for electrical machines and drives to become a domain of interest for many researchers over the whole world. Among the various examples, it is worth mentioning those used in automotive industry (electrical and hybrid cars) and for renewable energies (wind energy, wave energy, etc.). This Special Issue aims at presenting, first of all, the most recent issues regarding modeling, simulation and testing of electrical machines and their component electrical drives.

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About the Journal

Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided. There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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