



## Development of Electrical Machines: Latest Studies and Future Prospects

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Deadline for manuscript submissions:

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### Message from the Guest Editors

This Special Issue aims to record the findings of latest studies and research activities on materials, production processes, design particularities, configuration conception, fault tolerance and measurement techniques regarding the development of high-performance electrical machines.

The main topics of interest include but are not limited to the following:

- Thin iron laminations and low-loss alloy magnetic steels implemented in electrical machine cores.
- Winding configurations and cooling techniques for high-performance electrical machines.
- Multi-phase electrical machines.
- Permanent magnet materials and associated loss reduction techniques.
- Harmonic losses and converter control enabling high efficiency drives.
- Ceramic and electromagnetic bearings for high-speed and high-efficiency machines.
- Machine topologies and design considerations favoring high-performance machines.
- Measurement techniques for high-performance machines.
- Lamination cutting and core building factor loss reduction methods.
- Design of fault-tolerant electrical machines.





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## Message from the Editor-in-Chief

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