

CALL FOR PAPERS



Special Session on Recent Advances on Design and Control of Synchronous Reluctance and Switched Reluctance Machines

IECON 2018 - The 44th Annual Conference of the IEEE Industrial Electronics Society
October 21-23, 2018, Washington D.C, USA



TOPIC OF THE SPECIAL SESSION

Synchronous and switched Reluctance machines offer a viable solution for a wide range of domestic and industrial applications. In view of increased interest from industry for use of this family of electric drives as a main contender in a diverse line of products, it is time to address the state of the art and future trends for this emerging motor drive technologies. The proposed special session invites articles highlighting the recent advances in optimal magnetic design and advanced control in this family of adjustable speed motor drives. It is intended to furnish a balanced point of view reflecting those from the industry and academia.

Topics of the Session

- Optimal magnetic design.
- Permanent magnet- assist in drives.
- Efficiency and power factor optimization.
- Torque ripple and acoustic noise minimization
- Industrial applications.

IEEE IES Technical Committee Sponsoring the Special Session
(if any):

- Electric Machines Committee.

ORGANIZED AND CO-CHAIRD BY

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Author's schedule:

- Deadline for submission of special session papers
May 1, 2018
- Notification of acceptance
July 15, 2018
- Deadline for submission of final manuscripts
August 1, 2018