



**IEEE INTERNATIONAL SYMPOSIUM ON INDUSTRIAL ELECTRONICS ISIE'18
12-15 JUNE 2018, CAIRNS, AUSTRALIA**

Special Session on

**ADVANCED DIRECT-DRIVE ELECTRIC MACHINES FOR ENERGY HARVESTING,
ELECTRIC PROPULSION AND ACTUATION**

Organized by

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Call for Papers

Theme: Electric machines are backbones of modern society. Recently, with ever increasing concerns on environmental protection and energy conservation, renewable energy extraction for power generation, electrified transportation and other applications for emerging technology are becoming more and more attractive. To review the latest research and development of direct-derive electric machines, this special session aims at showcasing the emerging technologies for application in the area of electric propulsion, renewable energy harvesting and robotics.

Topics of interest include, but are not limited to:

- Radial-flux, axial-flux and transverse-flux permeant-magnet electric machines.
- Electric machines with reduced permanent magnets and magnetless electric machines.
- Linear electric machines and spiral-motion electric machines.
- Applications for electric scooters, electric vehicles, urban rail transit, electric ships, flying electric vehicles and more electric aircrafts.
- Direct-drive applications for renewables energy harvesting including wind, wave and tidal etc.
- Applications for actuators and manipulators in robotics.

All the instructions for paper submission are included in the conference website: <http://www.ieee-isie2018.org>