

# Call for Papers

## Special Session: Power Electronics and Heat Transfers Applications

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Dear fellows,

It is our pleasure to invite you to participate in *ROPEC 2016* by submitting original research papers on any topic related to this special session. The session is focused in promoting the interaction between two research areas: *Power Electronics and Heat Transfer applications*, for a better understanding of the phenomena, improving the energy use in heat transfer applications. Thus, the development of new research works will provide environmental and technological benefits in process industry; through the resolution of common problems by using common methodologies in both topics.

The topics of interest in this session include, but are not limited to:

- *Inverse heat conduction problems,*
- *Numerical simulation and tools for heat transfer,*
- *Thermal and Electrical models,*
- *Thermo-electrical coupling problems,*
- *Temperature controllers,*
- *Induction heating,*
- *Ohmic heating,*
- *Power electronics systems for heat transfer,*
- *Logging system for heat transfer studies,*
- *Multiphysical simulations in heat transfer problems, and*
- *Prototypes for heating and its control*

The accepted and presented paper in the special session will be published in the proceeding of *ROPEC* and they will be indexed by IEEEExplore.

Further information regarding manuscript submission dates, conference fees and accommodation can be consulted at:  
<http://ropec.org>

Best regards,

Organizer team

