



Special Session call for papers

Induction Heating

Organized and co-chaired by

P. Maussion pascal.maussion@laplace.univ-tlse.fr
O. Lucia olucia@unizar.es

Scope and objectives

Induction is a powerful technique for many heating systems in industry, domestic appliances and medical applications due to its benefits in terms of cost, efficiency and performance. This multidisciplinary field includes thermal, electric, and electromagnetic aspects as well as control and power electronics.

Topics of interest include, but are not restricted to the following areas:

- Induction heating system modeling, simulation and HIL (Hardware In the Loop),
- Efficiency optimization of induction heating systems,
- Digital control (controllers, real time implementation issues) of induction heating systems,
- Parameter identification,
- Magnetic component design for induction heating systems.

Paper submission

Instructions for full paper submission are available at the conference website <http://www.electrimacs2014.upv.es/>