
Third call for special session papers

Fast modelling approaches for electromagnetic devices analysis and design SS01 at ELECTRIMACS 2019

Special session organizers

- Dr. Yacine AMARA
GREAH, Université Le Havre Normandie, France
E-mail: yacine.amara@univ-lehavre.fr (primary contact person)
- Dr. Georges BARAKAT
GREAH, Université Le Havre Normandie, France
- E-mail: georges.barakat@univ-lehavre.fr

Special session theme

In competitive markets, there is a significant pressure on engineers working in R&D departments to reduce the time to market. There is then a real need of developing new design tools in order to make available the appropriate electrical drives in the shorter time possible. In general, due to its use since decades and its accuracy as compared to measurements, the finite element method is widely used in R&D departments. However, its use requires a certain expertise and is time consuming, in particular for 3D problems. It is in this perspective that there is a research effort in order to develop faster and easier modelling tools. The main objective of this special session is to bring the ideas of the worldwide research community into common platform, to present the latest advances and developments in modelling and design of electromagnetic devices for different applications.

Topics of interest

Topics of interest of this special session include, but are not limited to:

- Analytical and semi-analytical modelling (2D and 3D problems)
- Coupling of analytical models with numerical and semi-numerical models
- Numerical problems
- Multi-physic modelling
- Design optimization

IMPORTANT DATES ([see updates on ELECTRIMACS 2019 website](#))

The submission system is open!

Deadline for special session papers	10th December 2018
Notification of acceptance	1st March 2019
Final paper submission and registration	1st April 2019