



## Special Session call for papers

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# Analytical Models of Electric Machines and Actuators

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### Scope and objectives

The aim of this session will be to discuss recent developments concerning analytical modeling of electric machines. By analytical models, it is meant models based on the formal solution of Maxwell's equations in uniform permeability regions.

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

- Numerical problems related to (semi-) analytical models
- 2D and 3D analytical models
- Coupling of analytical models based on resolution of Maxwell's equations with magnetic equivalent circuits models
- Coupling of analytical models with electric circuits equations
- Design optimization using analytical multi-physics models
- Design analysis/optimization using complex analysis, e.g. conformal mapping, space mapping, etc.

### Paper submission

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

If the total number of papers submitted for this Special Session and accepted will not result an integer multiple of 6, some of them will be moved to the most pertinent regular session.