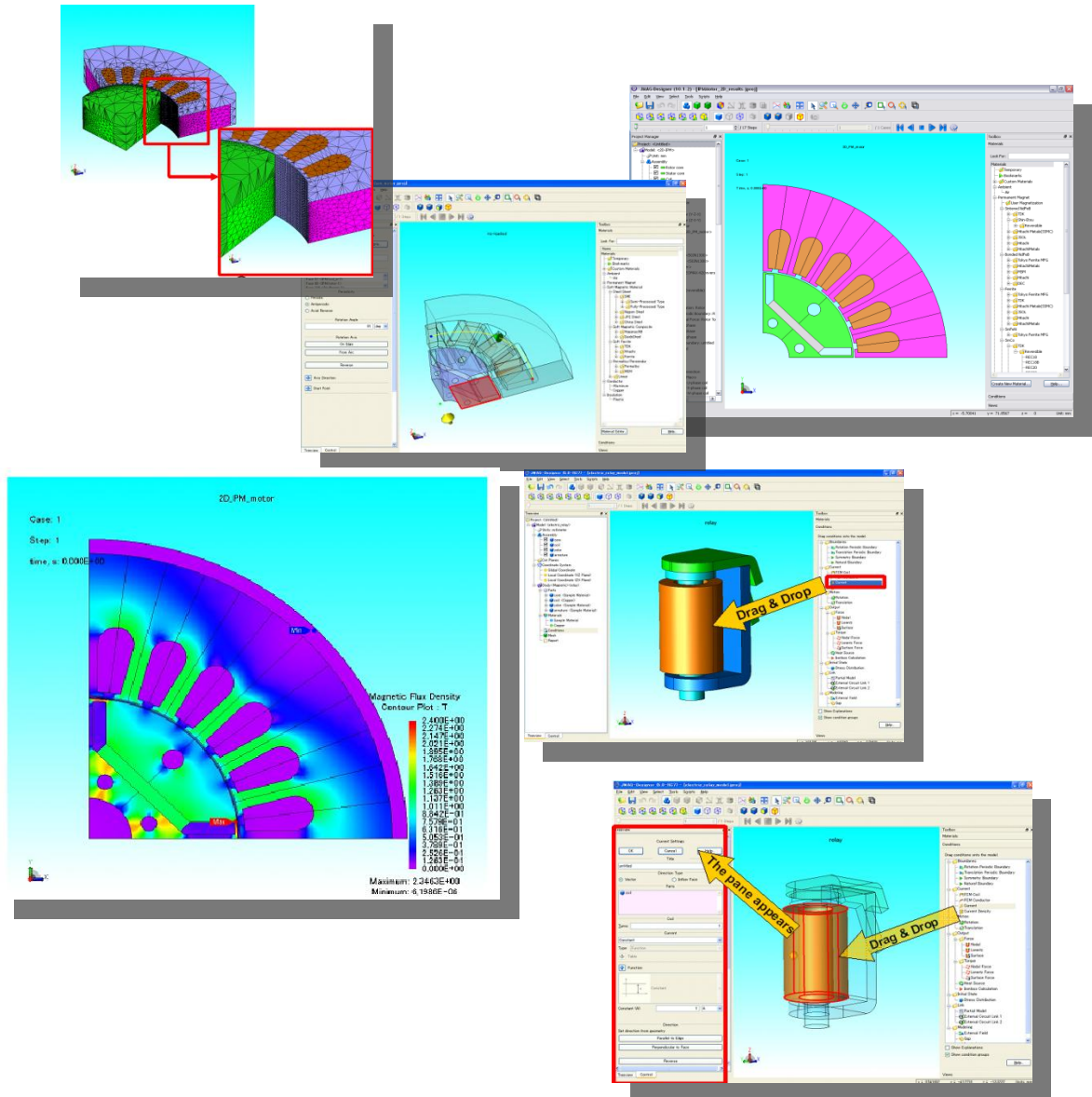


JMAG Designer Workshop



The workshop is organized in collaboration with the Electric Drives and Machines Institute of Graz University of Technology



General Information:

The workshop will be a mix of theory and practical exercises using the JMAG Designer software.

Participants will have access to licenses of the current version of JMAG Designer.

Objectives:

- To provide general overview of the interface of JMAG Designer.
- To discover the capabilities of the JMAG Designer software.

Language: English and German.

Intended Audience:

- People who wish to have an overview of JMAG, FEM software for design and development of electro-mechanical devices (electric machines, transformers, actuators,...),
- New and experienced users with focused questions,
- Users of JMAG Studio and JMAG Designer,
- Professionals with electromechanical equipment design backgrounds,
- Teachers and researchers.

Location:

The JMAG Designer workshop will be held on the 11th of July 2012 at the Electric Drives and Machines Institute of Graz University of Technology in GRAZ, AUSTRIA.

Address:

Electric Drives and Machines Institute, Graz University of Technology
8010 Graz, Inffeldgasse 18
AUSTRIA

Registration:

Please follow the link at eam-symposium.tugraz.at .

Schedule

Wednesday, July 11 th 2012	
09:00 - 09:30	Welcome coffee and registration
09:30 - 09:45	Opening remarks Univ.-Prof. Dr.-Ing. Annette MÜTZE
09:45 - 10:45	Development of Novel Switched Flux Permanent Magnet Machines Professor Z.Q. Zhu, Head of Electrical Machines and Drives Group, University of Sheffield, UK
10:45 - 11:00	<i>Coffee break</i>
11:00 - 12:30	JMAG Designer workshop – part 1 Shape creation with Motor Template and JMAG Express
12:30 - 13:30	<i>Lunch (Buffet)</i>
13:30 - 15:00	JMAG Designer workshop – part 2 Circuit simulator coupling
15:00 - 15:15	<i>Coffee break</i>
15:15 - 17:00	JMAG Designer workshop – part 3 Coupling with thermal

Workshop Program

1- Introduction to the workshop

Opening remarks
What you can expect to learn

2- Part 1 - Shape creation with Motor Template and JMAG Express

Introduction to JMAG Designer V11 interface presentation
Shape creation
Materials and conditions settings
Mesh
First analysis

3- Part 2 - Circuit simulator coupling

Link with PSIM and/or Simulink

4- Part 3 - Coupling with thermal

Thermal analysis
Materials and conditions settings
Magnetic thermal coupled analysis

5- Users' questions and conclusion

Contacts:

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JMAG Software

POWERSYS is the exclusive distributor of JMAG software in Europe and USA

For additional information about JMAG:

www.jmag-international.com