



FEKO Student Competition

The FEKO Student Competition is organised annually by the FEKO team to support engineering education and to promote innovative academic use of FEKO. Any original FEKO simulation work may be submitted for the competition. See www.feko.info/educational for more information on the educational use of FEKO and the FEKO Student Competition.

Prize

The winner will have a choice between the following two options, to the value of up to \$2000:

- a) A notebook computer (specifications dependant on availability at the end of the competition), or
- b) An all travel expenses paid trip to an international EM engineering conference of their choice

Eligibility

Any under-graduate or post-graduate student at a recognized educational institution, working on a project in EM engineering and making use of FEKO, may enter. Students who would like to start using FEKO in order to enter, are welcome to contact us.

Free Access to the CrunchYard Large Scale Computing Facility

Entrants might need to run simulations which require more computational resources than what they have access to. Such entrants are welcome to contact us at the email address below to organise access to the CrunchYard large scale computing facility. CrunchYard has kindly agreed to provide free access (with limits determined by them) to their facilities.

Application Procedure

Submission must be made before the deadline of 24 September 2010, to student_comp2010@emss.co.za. Results will be announced on www.feko.info by 29 October 2010. Submissions should consist of the following:

1. A completed application form
2. A succinct report (PDF, DOC or PPT file in either article or slideshow style, or a link to a webpage where the project is documented)

Evaluation Criteria

Reports are evaluated with respect to the following criteria:

- Clear definition of the EM problem
- Quality of FEKO models and proper usage of solution options
- Presentation of the results
- Verification of results (i.e. comparison with measurements and/or results from other numerical tools)
- Interpretation of results
- Overall quality of the report
- The EM complexity of the actual problem solved will not be a major consideration!





FEKO Student Competition Application Form

Application Due Date: 24 September 2010

Winner Announcement: 29 October 2010

Country and city:

Institution:

Department:

Project Leader/Tutor:

Student:

Degree:

Student Number:

Email:

Date:

Short description of the electromagnetic problem solved with FEKO (optional):

