VI Iberian Meeting on Computational Electromagnetics
II LEMA-EPFL Workshop on Integral Techniques for Electromagnetics

UNIVERSIDAD D SEVILLA

EPFL
ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE

CONFERENCE VENUE

The conference will be held in Chiclana (Cádiz) and is organized by the Microwaves Group of the University of Seville and by LEMA (EPFL, Lausanne)

IMPORTANT DATES

- Abstract submission:
    25 April 2008
- Acceptance letters:
    31 May 2008
- Full paper submission:
    30 June 2008
- Registration:
    30 July 2008
- Hotel reservation
    30 July 2008

CHAIR PERSONS
   Francisco Medina (US)
   Juan R. Mosig (EPFL)

ORGANIZING COMMITTEE
   Rafael R. Boix
   Francisco Mesa
   Ricardo Marqués
   Raúl R. Berral
   M. Castillo Velázquez
   Ana López Fructos

CALL FOR PAPERS

The VI Iberian Meeting on Computational Electromagnetics (VI EIEC, Oct. 22-24, 2008) jointly with The II LEMA-EPFL Workshop on "Integral Techniques for Electromagnetics" (INTELECT'2008, Oct. 21th, 2008)

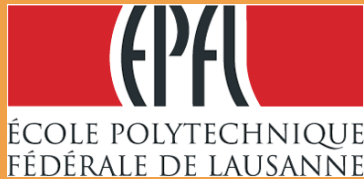*Hotel Royal Al Andalus (Novo Sancti Petri), Chiclana de la Frontera (Cádiz, Spain)*

Following the sucessful previous editions, the 6th issue of the "Iberian Meeting on Computational Electromagnetics" will be held next Fall in the Spanish coastal town of Chiclana (Cádiz). This meeting intends to bring together experts on numerical methods with focus on applied electromagnetic problems. Although the meeting is mainly addressed to Spanish and Portuguese researchers, papers coming from other geographical areas are warmly welcome.

The meeting offers technical presentations from research groups reporting on research lines related to any aspect of computational electromagnetics. These presentations differ from other more conventional symposia or conference talks because of their length and wide scope. They mostly report on the global work of a research group rather than on specific punctual contributions. Thus, no more than one or two presentations are typicall given by each group. The duration of the presentations is longer than usual (at least 30 minutes per presentation or maybe more than this, depending on the number of scheduled papers). As well as regular contributions, two or three invited talks on selected topics given by reputed specialists will be included in the final program.

The following is a list of suggested topics, although contributions in other areas of computational electromagnetics are encouraged and will be considered.

Suggested topics

Integral Equation Methods (frequency and time domain)
Differential Equation Methods (frequencyu and time domain)
Fast and Efficient Methods
Hybrid and Multi-Physics Modeling
EM Modeling of Complex Media, EBG and metamaterials
Frequency selective surfaces and reflectarrays
Inverse Scattering and Imaging Techniques
Optimization Techniques for EM-based Design
Asymptotic and High Frequency Techniques
EMC/EMI
Other applications of electromagnetic simulation

Preliminary abstracts

A preliminary abstract (no more than one page) must be submitted to the following email address: medina@us.es
The abstract should be received before April, 25th 2008. After consideration by the TPC members, an acceptance letter will be sent to authors by May, 31st 2008.

Full length paper submissions

The authors of accepted papers will be required to send a full-length paper with a maximum extension of 6 pages (including text, figures, tables and references) to the same electronics address (medina@us.es). Only PDF files are acceptable. Due to the international scope, English language is prefered.

Submitted papers should be formatted using IEEE standard style for conference proceedings. LaTeX and Word templates will be available at the web page of the conference:

http://www.grupo.us.es/gmicronda/eiec/index.htm

II LEMA-EPFL Workshop on Integral Equation in Electromagnetics

Jointly with the "VI Iberian Symposium on Computational Electromagnetics", the 2nd edition of the LEMA-EPFL Workshop on "Integral Techniques for Electromagnetics" (INTELECT'2008) will be held the 21st of October 2008 at the same location. This Workshop deals with integral-based techniques for Computational Electromagnetics. A non exhaustive topics list includes:

> Integral Equation models
> Green's functions
> Method of Moments and Boundary Element Methods
> Techniques for solving large systems with fully populated matrices
> Convergence acceleration
> Hybrid techniques
> Software related issues.

The first edition of this Workshop was held in July 2007 in Lausanne, Switzerland, and met all the expectations bringing together a bunch of world-renown specialists in the topic. The single-day workshop is composed by invited and spontaneous contributions and includes a wrap-off session for open discussion of hot issues in the area.

For submission of proposals and information about programme and registration fees, please check the webpage lema.epfl.ch or email juan.mosig@epfl.ch

Registration and Hotel booking

Registration and Hotel reservation must be done before 30th of July, 2008. A registration and Hotel booking form will be available at the web of the conference.

Reduced registration fees will be available for students in order to encourage young researchers participation.