

ENIEF 2009

XVII Congress on Numerical Methods and their Applications

Tandil, Argentina, November 3-6, 2009

For all inclusions under AMCA please contact:

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The XVIII Congress on Numerical Methods and their Applications, of the Argentine Association of Computational Mechanics (AMCA) was held from November 2nd to November 6th, 2009 in Tandil, Argentina.

This congress, has been organized by the PLADEMA Institute at the National University of the Center of Buenos Aires (UNCPBA), Argentina. The congress was attended by 250 delegates, mainly from Argentina, but also from Brazil, Bolivia, Chile, Colombia, Paraguay, Spain, United States, Uruguay, and Venezuela.

The event lasted three and half days and took place at the Cultural Center of the UNCPBA. Prior to the Congress, on November 2 and 3, there was a series of short courses in plasticity and damage dictated by J. Signorelli, P. Frontini, C. Garcia Garino and A. Huespe. Also a capacitation course on the use of ABAQUS was offered by KB Engineering.



Figure 1:
Opening Ceremony of ENIEF 2009

The technical program included two plenary lectures given by Professors Raul Fejoo and Rainald Löhner. A total of 51 sessions, covering Fluid Mechanics; Water Resources and Environmental Engineering; Acoustics; Solid Mechanics; Material Constitutive Modeling; Fracture, Fatigue and Failure Material Modeling; Heat Transfer; Structural Dynamics; Mathematical Fundamentals of Finite Elements and Meshless Methods; Interdisciplinary Mathematical Models; Inverse Problems and Applications; Optimization and Control; High Performance Computing in Computational Mechanics; Computational Geometry; Aerospace Technology; Numerical Methods for Simulation and Analysis in Bioengineering were run in four parallel sessions.

Full length papers were submitted to a review process prior to publication. From them, 228 papers have been accepted and included in the XXVIII Volume of the AMCA Series "Mecánica Computacional". The editors of this volume were Cristian Garcia Bauza, Pablo Lotito, Lisandro Parente and Marcelo Venere. The papers of "Mecánica Computacional" are available at the website:

<http://www.cimec.org.ar/ojs/inex.php/mc/issue/archive> .

Figure 2:
Participants at ENIEF 2009

An undergraduate student posters competition was also carried out. The students Guillermo Hazebrouck, Sebastian Toro and Marcos San Martin received an award for their papers. A cocktail reception was organized on Tuesday and Congress Banquet took place on Wednesday. The congress received support from the Consejo de Investigaciones Cientificas (CIC) of Buenos Aires State, the UNCPBA, Intel Argentina Software Development Center (Intel ASDC), KB Engineering S.R.L. and SCILAB. ●



MECOM 2010 - CILAMCE 2010

IX Argentine Congress on Computational Mechanics
XXXI Ibero Latinoamerican Congress on Computer Methods in Engineering
II South American Congress on Computational Mechanics
15 – 18 November 2010, Buenos Aires, Argentina

The Congress is organized jointly by the AMCA (Argentine Association for Computational Mechanics), the ABMEC (Brazilian Association for Computational Mechanics), the Engineering School of Universidad de Buenos Aires and Sim&Tec S.A.

Congress Chair: Marcela Goldschmit

Scientific Committee Chair: Eduardo Dvorkin

Local Organizing Committee: J. L.D. Alves; M. Cavaliere; Ph. R.B. Devloo; S. D'Hers; P. Folino; A. Levy; M. Storti; R. Toscano

Buenos Aires, with its museums, theaters, libraries, art galleries and gourmet restaurants, is the political, cultural and intellectual center of Argentina. It is a modern city that preserves its original European style. Buenos Aires is a cosmopolitan city that grew from a blend of local and international population and now has about 3 million people.

Corrientes Avenue with its typical pizzerias, bars, bookstores and theaters will host the community of Computational Mechanics in the year of the Bicentennial of the first independent government of the country.



Figure 3:
"Cabildo de Buenos Aires",
chair of the first national
government.

Plenary Lectures: K.-J. Bathe; S. Estefen; S. Idelsohn; M. Ortiz; R.Radovitzky.

Semi-Plenary Lectures: P. Balbuena; A. Cardona; D. Celentano; M. Cerrolaza; A. Cuitiño; G. Etse; M. Koslowski; A. Lew; J. Oliver; E. Oñate; C. Prato; S. Rugonyi.

Important Dates

Deadline for mini-symposium proposals:	March 30, 2010
Acceptance of mini-symposium proposals:	April 15, 2010
Deadline for one page abstracts:	May 31, 2010
Acceptance of abstracts:	June 30, 2010
Deadline for final paper:	August 31, 2010
Acceptance of paper:	September 15, 2010
Deadline for registration at a reduced rate:	September 30, 2010
Congress:	November 15 – 18, 2010

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AMCA Annual Assembly

The annual general assembly of AMCA took place on November 4th 2009, in the city of Tandil, Argentina. A new Executive Council has been elected for the Argentine Association for Computational Mechanics (AMCA), for the period 2009-2011.

It is formed by: Victorio Sonzogni (president), Norberto Nigro (secretary), Victor Fachinotti (treasurer), and as members of the executive council: Adrian Cisilino, Victor Cortinez, Enzo Dari, Sergio Elaskar, Guillermo Etse, Carlos Garcia Garino, Angel Menendez, Oscar Moller, Marcelo Venere, Axel Larreteguy and Marta Rosales. ●



Figure 4:
Some participants
at the AMCA Assembly