Asociación Argentina de Mecânica Computacional

For all inclusions under AMCA please contact:

Victorio Sonzogni

Güemes 3450
3000 Sante Fe
Argentina

Tel: 54-342-455 66 73
Fax: 54-342-455 09 44
Email: sonzogni@intec.unl.edu.ar
http://venus.arcride.edu.ar/AMCA

Figure 1:
San Francisco Church at Santa Fe

Figure 2:
Congress location, Mayorazgo Hotel, Paraná

Call for papers
MECOM 2002

The Argentinean Association for Computational Mechanics and the Brazilian Association for Computational Mechanics announce the First South American Congress on Computational Mechanics, together with the Terceiro Congresso Brasileiro de Mecânica Computacional and the Séptimo Congreso Argentino de Mecánica Computacional, which will be held in the cities of Santa Fe and Paraná (Argentina) on October 28-31, 2002.

Background - The Argentinean Association for Computational Mechanics (AMCA) was created during the first MECOM Congress, which took place in 1985 in Santa Fe-Paraná. Repeating the success of this first MECOM, subsequent congresses were held in Córdoba (1988), Santa Fe-Paraná (1991), Tucumán (1996) and Mendoza (1999). On the other hand, the Brazilian Association for Computational Mechanics (ABMEC) was created in 1997. The first ABMEC Congress was held in Rio de Janeiro in 2000, and the second one in Campinas, in 2001.

Both Associations decided to share the organization of MECOM' 2002 as the First South American Congress on Computational Mechanics, which will include the Terceiro Congresso Brasileiro de Mecânica Computacional and the Séptimo Congreso Argentino de Mecánica Computacional. They also agreed on appointing the International Centre for Computational Methods in Engineering (CIMEC) as local organizer of the Congress.

Objectives - The aim of MECOM 2002 is to bring together engineers, mathematicians, physicists, researchers, and other professionals, as well as students, who develop numerical methods or use them as part of their professional practice. The meeting is carried out in order to exchange experiences and to assess the state-of-the-art in the application of innovative computational methods to problems arising from industry.

Conference Topics - Application of numerical methods in engineering problems, including some topics as: Fluid mechanics, Algorithms and software development, Heat transfer, Computational mathematics, Solid mechanics, Mesh generation and error estimation, Structural analysis, High performance computing, Multiphysics problems, Innovative computational methods, Multiscale modeling, Inverse problems and optimisation, Biomechanics, Industrial applications

Location - Santa Fe and Paraná are two cities separated by the Paraná River, one of the broadest and longest rivers of the world.

Important Dates
Deadline for presenting a one-page abstract   May 15, 2002
Acceptance of the paper   June 30, 2002
Deadline for submitting the full length paper   July 31, 2002
Deadline for early payment   August 31, 2002
Congress   October 28-31, 2002

Information - http://venus.ceride.gov.ar/mecom2002
e-mail: cimec@ceride.gov.ar ●

ENIEF 2000XII

Congress on Numerical Methods and their Applications

October 30th-November 2nd 2001 - Córdoba, Argentina

From October 30 to November 2, 2001, the ENIEF 2001: XII Congress on Numerical Methods and their Applications was held at the city of Córdoba, Argentina.

Córdoba is an important tourist centre in Argentina, with lakes and mountains of great beauty. It also has a remarkable historical and architectural heritage reflecting a Spanish past, and some of this has been declared as a cultural patrimony of humanity. Cordoba has an important tourist infrastructure, which may be enjoyed throughout the year.

ENIEF 2001 had over 100 participants mainly from Argentina, but also from Chile, Brazil, USA, Spain, Germany and Australia. The ENIEF proceedings are edited as a book of the Series Mecánica Computacional. It contains 89 papers (in Spanish and English), in 693 pages and was compiled by Fernando Flores.

Invited lecturers at ENIEF 2001 were: Jason Antenucci (University of Western Australia), Ricardo Burdisso (Virginia Polithecnic Institute and State University), José Longo (German Aerospace Centre), Dean Mook (Virginia Polithecnic Institute and State University) and Sergio Oller (Universidad Politécnica de Cataluña).

The ordinary annual assembly of AMCA took place during the Congress.   ●

Figure 3:
Participants at ENIEF 2001