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MECOM 2002

**First South-American Congress on Computational Mechanics
III Brazilian Congress on Computational Mechanics
VII Argentinian Congress on Computational Mechanics**

The First South-American Congress on Computational Mechanics was held from **October 28 to 31, 2002** in Paraná and Santa Fe, two neighbours cities separated by the Paraná river, in Argentina.

The Argentinian Association of Computational Mechanics (AMCA), created in 1985, and the Brazilian Association for Computational Mechanics (ABMEC), created in 1997, decided to share the organization of MECOM 2002 as the First South American Congress, including the III Brazilian Congress and the VII Argentinian Congress on Computational Mechanics.

The motivation was, on the one hand, to continue with the tradition of the National Congresses organized periodically by both countries and, on the other hand, to start with the seed of a South American Congress, which will be of great importance in the frame of MERCOSUR (Southern Cone Common Market).

They also agreed on appointing the International Center for Computational Methods in Engineering (CIMEC) as local organizer of the Congress.

Figure 1:

Opening ceremony of Mecom 2002.

E. Oñate, president of IACM, S. Idelsohn, president of AMCA, S. Montiel, governor of Entre Ríos and P. Devloo, former president of ABMEC.



Figure 2:

Manolis Papadrakakis dancing tango at the Mecom 2002 Banquet



The congress was attended by some 200 delegates, mainly from Argentina, Brazil and Chile, but also from 15 countries from the Americas, Europe and Asia. Several lecturers were specially invited to Mecom 2002, including the following plenary and semiplenary lecturers: F. Armero, L. Caffarelli, J.C. Heinrich, E. Dvorkin, R. Feijoo, M. Hogge, M. Gérardin, R. Lohner, C. Maliska, X. Oliver, S. Oller, E. Oñate, M. Papadrakakis, D. W. Pepper, R. Rodriguez, E. Rofman, V. Ruas and T. Tezduyar, in addition to several keynote lecturers from South American countries.

The congress took place at the Mayorazgo Hotel located in the "Parque Urquiza", in Paraná, with a beautiful landscape over the Paraná river. The opening ceremony was presided over by the governor of the province of Entre Ríos, Sergio Montiel, and his welcome words were followed by addresses from the president of the IACM, Eugenio. Oñate, from the president of the AMCA, Sergio Idelsohn and from the former president of ABMEC, Philippe Devloo.

On Monday evening a welcome cocktail took place at the Paraninfo of the Universidad Nacional del Litoral, in Santa Fe, presided over by the rector of the University.

On Tuesday dinner was offered to the invited lecturers in the Estudiantes Golf Club and on Wednesday the Congress Banquet took place at the Nautico Club, both in Paraná. These social activities were accompanied by regional music bands, including tango dancing. During the Banquet the AMCA Awards 2002 were granted.

The proceedings of the congress, published as Volume XXI of "Mecánica Computacional", S. Idelshon, V. Sonzogni and A. Cardona (eds.), contain 209 papers.

The ordinary annual assembly of AMCA took place on Tuesday. Additional information about Mecom 2002, as well as some photographs can be found at the web site: <http://www.cimec.org.ar/mecom2002> ●

AMCA Awards 2002

The **AMCA Awards 2002** have been granted during the Congress Banquet of MECOM 2002, on Wednesday 30th.

These awards have been instituted as a recognition of the scientific career in the field of computational mechanics and are granted in three categories: Young Researchers; Scientific, Professional and Teaching Career; and International Scientific Career.

The award for Young Researchers was granted to Enzo Dari, from the Bariloche Atomic Center (CAB), Argentina.

The award to the Scientific, Professional and Teaching Career was shared between two researchers: Gustavo Sanchez Sarmiento, G. Sanchez Sarmiento from the University of Buenos Aires, and Angel Menéndez, from the INA (National Institute of Water), both from Argentina.

Finally, the award to the International Scientific Career, intended to recognize not only the scientific career in the field of computational mechanics but also the interaction with research centers of Argentina, was granted to Michel Gérardin, from the European Laboratory for Structural Assessment, in Ispra, Italy.

The jury for the AMCA Awards 2002 was integrated by: F. Basombrio, E. Dvorkin, S. Idelsohn, C. Prato, G. Buscaglia, A. Cardona, and E. Oñate. ●



Figure 3. AMCA Awards 2002 for International Resercher: Michel Gérardin



Figure 4. AMCA Awards 2002 for Senior Resercher: Sanchez Sarmiento



Figure 5. AMCA Awards 2002 for Senior Resercher: Angel Menéndez



Figure 6. AMCA Awards 2002 for Young Resercher: Enzo Dari

Call for papers XIII Congress on Numerical Methods and their Applications ENIEF 2003 Bahía Blanca, Argentina, November 4-7, 2003

AMCA announces **ENIEF 2003**, the XIII Congress on Numerical Methods and their Applications. The congress is of interest for engineers, mathematicians, physicists, researchers and other professionals who develop numerical methods or use them as part of their professional practice. The ENIEF meetings started in 1983 as the only national meeting of users and researchers of the Finite Element Method. The success that the meeting had in the computational mechanics community in Argentina and neighboring countries promoted a sequence of periodic ENIEF events, which alternate with the national MECOM congress.

ENIEF 2003 is jointly organised by Departamento de Ingeniería, Universidad Nacional del Sur, and Facultad Regional Bahía Blanca, Universidad Tecnológica Nacional.

Topics: Fluid mechanics; Heat transfer; Solid mechanics; Structural analysis; Discrete mathematics; Mesh generation; Visualisation on computational mechanics; Software development to numerical methods; Algorithms on scientific computation.

Congress Location: Bahía Blanca is one of the most important cities of Argentina. It has a well known industrial petrochemical center, as well as a large seaport, road, railway and airport infrastructure, all of which make it an important center of communications. That is the reason why this city is called the "gate" and "seaport" of the south of Argentina. The city concentrates a remarkable academic and cultural activity, having two national universities and several superior institutes. There are nearby beautiful and important recreations centers, such as "Sierra de la Ventana" hills and the village of "Monte Hermoso", with beaches of warm water. The weather in November is warm with mild sea breezes.

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