

-ENIEF 2008 - Call for papers

For all inclusions under AMCA please contact:

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The Argentine Association for Computational Mechanics (AMCA) is proud to announce the next **XVII Congress on Numerical Methods and their Applications ENIEF 2008**, to be held at San Luis, Argentina, on **November 10-13, 2008**. In this occasion, the Congress is organized jointly by the Department of Mathematics of the National University of San Luis, Argentina, and the International Center for Computational Methods in Engineering (CIMEC), from INTEC (UNL-CONICET), Santa Fe, Argentina.

The Congress will take place in the very peaceful and beautiful environment of city of San Luis, Argentina, located at the bottom of the "Sierras Grandes", over the "Chorillo" river, and at the "Punta de los Venados" extreme. The first ENIEF Congress took place in 1983. Since then, sixteen ENIEF and eight MECOM (Argentine Congress on Computational Mechanics) congresses have been organized by AMCA.

The Congress topics include the development and application of numerical methods to solve engineering problems, including topics as: Fluid mechanics; Turbulence; Heat and mass transfer; Solid mechanics; Fracture mechanics; Structural analysis; Multiphysics problems; Multiscale modeling; Biomechanics; Algorithms and software development; Computational mathematics; Mesh generation and error estimation; High performance computing; Innovative computational methods; Inverse problems and optimization; Industrial applications

Researchers and professionals from all along the country, as well as from Latin American countries (Brazil, Chile, Uruguay, Venezuela) regularly participate in ENIEF congresses. This time, the following renowned specialists have confirmed their participation and will give Plenary Lectures at the Congress:

Prof. Ted Belytschko (*Northwestern University, USA*) "Multiscale analysis of Failure".

Prof. Carlos Felippa (*University of Colorado at Boulder, USA*) "Recent Advances in Multiphysics Simulation using Partition Methods"

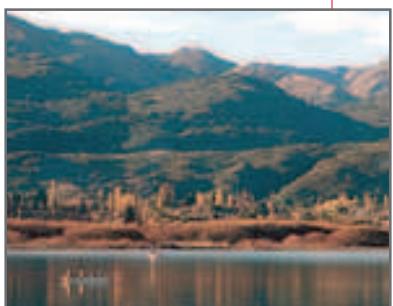
Prof. Rainald Lohner (*George Mason University, USA*) "Patient-Specific Device Optimization"

Prof. Alan Needleman (*Brown University, USA*) "Discrete Dislocation Modeling of Plastic Flow Processes"

Prof. Xavier Oliver (*Universitat Politècnica de Catalunya, Spain*) "The New Domain Method for Contact Problems in Solid Mechanics"

Prof. Peter Wriggers (*Leibniz Universität Hannover, Germany*) "On Micro-Macro Simulations for the Characterization of Heterogeneous Materials"

The deadline for presenting a one-page abstract is April 30, 2008. The full length paper should be submitted before July 31, 2008. Conference proceedings are published in the book series "Mecánica Computational" edited by AMCA, which is in its twenty-seventh volume. This series is also published on-line. For more information, please look at <http://www.cimec.org.ar/enief2008>, or <http://enief2008.unsl.edu.ar>, for local organization details. You can also contact the organizers e-mail: enief2008@intec.unl.edu.ar.



San Luis, Argentina

- AMCA Awards 2008 -

The Argentine Association for Computational Mechanics call for nominations to the AMCA Awards 2008. These awards have been instituted as recognition of scientific careers in the field of computational mechanics and are granted in three categories:

i) *Young Researchers*; ii) *Scientific, Professional and Teaching Career*; and iii) *International Scientific Career*. Candidates to the awards may be nominated:

1) *By self-nomination*; 2) *By third party or institutions*; 3) *By any member of the Award Committee*

In any case a short CV and reasons for the nomination should be addressed to the AMCA Secretary, before July 31 2008. The AMCA Awards will be delivered at the ENIEF 2008 Congress in San Luis, Argentina, 10-13 November 2008. ●

One and a half years without Pat.

Homage to Patricio A. A. Laura: 1935-2006

In our academic and research activities into the field of Mechanical Sciences, and for every body that had the happiness of being a friend, a student or a colleague of Patricio Adolfo Antonio Laura (Pat), Ph. D., his absence since one and half years continue being of great sadness.

Prof. Laura, an internationally recognized researcher and professor in the area of Mechanical Sciences died on November 6 of 2006. He was born in Lincoln, Buenos Aires Province, Argentina on June 13, 1935. He graduated as Civil Engineer at the Universidad de Buenos Aires in 1959. He pursued graduate studies in the United States at the Catholic University of America where he got his Ph. D. degree in 1965. In 1962, he joined the Mechanical Engineering Faculty of Catholic University. He began as an Instructor and eight years later he became Professor. He returned to Argentina in 1970 as Professor in the Department of Engineering of the Universidad Nacional del Sur, where he was nominated Professor Emeritus in 2001.

Prof. Laura's publications (over 600 among Papers, Technical Notes and Letter to the Editors) has been cited by prominent authors from U.S.A., England, Russia, etc. His contributions covered several fields of Mechanical Sciences: Mechanical vibrations; dynamics of cable systems; structural dynamics; eigenvalue problems (microwave theory), acoustics, heat conduction, thermoelasticity, variational methods, approximate methods of conformal mapping, bioengineering, buckling of structural elements, acoustic emission in mechanical cables. Among his books, it is worthy of mention "Conformal mapping: Methods and applications" which he coauthored with Professor Roland Schinzinger of the University of California at Irvine. The book was published by Elsevier in 1991 and reissued by Dover Publications in 2003.

He directed several Doctoral and Master's thesis in U.S.A. and Argentina. He was a Fellow and Founding Member of the American Academy of Mechanics (USA) and Fellow Emeritus of The Acoustical Society of America (USA), Miembro Académico at the Academia Nacional de Ingeniería (Argentina), Académico Correspondiente at Academia Nacional de Ciencias Exactas, Físicas y Naturales (Argentina) and at Academia Nacional de Ciencias (Córdoba, Argentina). Along his scientific path, Prof. Laura integrated many Editorial Boards in scientific publications.

***Patricio A. A. Laura:
1935-2006***

At the moment of his death, he was Associate Editor Emeritus of Ocean Engineering and member of the Editorial Board of Journal of Sound and Vibration, Acta Mechanica, International Journal of Mechanical Sciences, Structural Engineering and Mechanics and Structural Health Monitoring.



Those of us who have had the privilege of being Prof. Laura's pupils and friends for many years shall never forget his persistence and determination, his infectious enthusiasm for every achievement no matter how small and above all his deep insight in scientific and philosophical matters.

Prof. Laura leaves behind his wonderful wife, Yiyi, five children, fifteen grandchildren and so many pupils and friends who will ever remember him with affection and respect.

I had the honour and happiness of being a student, a colleague, and a friend of Prof. Laura, but more than these, he was for myself an example of life. ●

Dr. Gustavo Sánchez Sarmiento

Professor, Universidad de Buenos Aires.



Sergio Idelsohn

Sergio Idelsohn received the Scopus Award 2007

Scopus, the world wide data base of scientific literature, recognized eight researchers of Argentina. These awards have been granted in 2006 and 2007 in Brazil; and in 2007 in Mexico, Colombia, Venezuela and Argentina. The selection criteria identify researchers based on the numbers of articles indexed by Scopus and the number of citations in the last 10 years. The ceremony took place on October 11, 2007 in Buenos Aires jointly organized by Elsevier and the Secretary for Science, Technology and Productive Innovation of Argentina. The former president of AMCA, Sergio Idelsohn was one of the eight Argentine researchers which received the Scopus Award.

It is a great honor for AMCA to have Sergio Idelsohn within the eight recognized researchers. It is important also to see reflected in this award the improving activity in the field of the computational mechanics developed in the country. ●