

## PANACM 2015

The First Pan-American Congress on Computational Mechanics, PANACM 2015 and the XI Argentine Congress on Computational Mechanics, MECOM 2015, took place in Buenos Aires, Argentina, April 27 - 29, 2015.

PANACM 2015 is the first conference organized under the auspices of the International Association for Computational Mechanics (IACM) to promote the Computational Mechanics in the Americas as a one region. During the WCCM 2012 in Sao Paulo, Brazil, the national associations of the Americas decided the periodic organization of a Pan-American congress, whose first edition took place in Buenos Aires in 2015.

This Congress was organized in conjunction with the XI Argentine Congress on Computational Mechanics, MECOM 2015, a traditional and very well known congress in the Argentinean science community, and attracted around 600 participants, coming from all over the world. All together some 540 lectures, organized in 45 Mini-Symposia, have been presented, including 8 Plenary lectures, 12 Semi-Plenary lectures and 43 Keynote Lecturers, which reflect the current state of the research and advances in engineering practice in the Computational Mechanics science.

Delegates from 38 countries participate at PANACM 2015, the main participation corresponding to: Argentina 133, Brazil 81, United States 78, Chile 29, France 28, Japan 27, Spain 25, Germany 22, Italy 11, and Poland 11.

The International Centre for Numerical Methods in Engineering (CIMNE) organized this Conference jointly with the Asociación Argentina de Mecánica Computacional (AMCA).

Submitted full papers have been published in an e-book, available on the website: <http://congress.cimne.com/panacm2015/frontal/doc/EbookPANACM2015.pdf>.

### International AMCA Award 2014

During PANACM the **AMCA Award 2014** to the International Scientific Career was delivered to **Prof. Tom J. R. Hughes**, from the University of Texas at Austin, USA.



The AMCA Awards are delivered, every two years, as recognition of the scientific trajectory in the field of computational mechanics and are granted in three categories: Young Researchers; Scientific, Professional and Teaching Trajectory; and International Scientific Trajectory. The last one have been instituted to recognize not only the scientific trajectory in the field of computational mechanics but also the interaction with research centres of Argentina, or with Argentine researchers. ●

**Figure 1:** Prof. Victor Calo, an Argentinean former Ph.D student of Prof. Hughes, given the AMCA prize to the awarded, during the appreciation dinner of the PANACM Conference



*Plenary Speakers of PANACM 2015 were:* K.-J. Bathe, L. Caffarelli, Ch. Farhat, T. J. R. Hughes, E. Oñate, O. Pironneau, E. Ramm and P. Wriggers.  
*Semi-Plenary Speakers were:* G. Buscaglia, A. Cardona, A. Cuitiño, L. Demkowicz, E. Dvorkin, I. Gamba, A. Huerta, A. Loula, X. Oliver, R. Rodriguez, M. Storti and F. Valentin.

**Figure 2:**  
*Assistants at the opening ceremony*

PANACM 2015 was supported by the following IACM American Affiliated Associations:

- Argentine Association for Computational Mechanics (AMCA),
- Mexican Association for Numerical Modeling and Engineering (AMMNI)
- Brazilian Association for Computational Methods in Engineering (ABMEC)
- Colombian Association for Numerical Methods in Engineering and Applied Sciences (ACMENICA)
- Chilean Association for Computational Mechanics (SCMC)
- U.S. Association for Computational Mechanics (USACM)
- Venezuelan Society for Numerical Methods in Engineering (SVMNI) ●



**Figure 3:**  
*Lecture of Prof. Charbel Farhat*



**Figure 4:**  
*Dr. Lino Barañao, Minister of Science, Technology and Productive Innovation of Argentina, speaking at the opening ceremony*

**Figure 5:**  
*One of the PANACM Coffee Breaks at the Hilton Hotel*

