



Chilean Society for Computational Mechanics

for all inclusions under
CSCM please contact:

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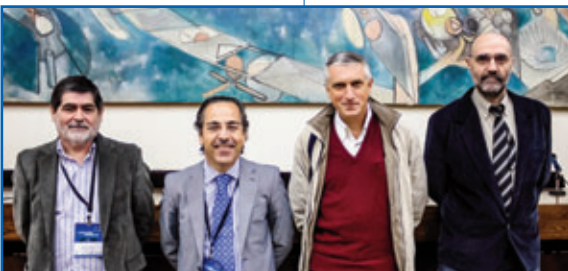
During this year 2013, the annual scientific meeting of the Chilean Society for Computational Mechanics (CSCM) was warmly hosted by Universidad de Santiago de Chile (USACH) at Santiago de Chile city. The XII Workshop on Computational Mechanics (JMC 2013, acronym in Spanish), organized by USACH and the CSCM during October 3th and 4th, has been strongly supported by USACH authorities also presented at the Opening Ceremony: Prof. Pablo Vera Head of the Department for Scientific and Technological Research (DICYT) also on behalf of Prof. Oscar Bustos Vice-President of Research, Technology and Innovation (VRIDEI); Prof. Patricio Navarro, Vice-Dean of Scientific and Technological Research at Faculty of Engineering (FING); and Prof. Enzo Schachter, Head of the Mechanical Engineering Department (DIMEC). Prof. Franco Perazzo, President of the CSCM and Prof. Marcela Cruchaga representing the Organizing Committee, have welcomed the participants: faculty members and students coming from different universities located along Chile.

The two-days Workshop encompassed four exceptional Plenary Lectures. Prof. Peter Minev from Alberta University, Canada, talks on “A fast parallel algorithm for direct simulation of particulate flows using conforming grids”. The conference “Solving incompressible flow on gpu’s with the finite volume method and fft preconditioning” was delivery by Prof. Mario Storti from Universidad Nacional del Litoral – CIMEC, Argentina. Prof. Gustavo Guinea from Universidad Politécnica de Madrid, España, has presented “Modelo constitutivo para materiales biológicos de base colágeno”. Prof. Luis Quiroz from Universidad de Concepción, Chile, talks on “Aplicaciones de la mecánica computacional a la gestión de la integridad de activos”. All these works reveals important aspects and new developments on topics of interest and novel applications of Computational Mechanics. The Technical Parallel Sessions summarizing 60 works from several areas of computational mechanics. Moreover, a collection of 17 full written papers were reported in the journal of the CSCM “Cuadernos de Mecánica Computacional”, Vol. 11 (2013).

Figure 1:
Patricio Navarro, Franco Perazzo, Pablo Vera, Enzo Schachter & Marcela Cruchaga during the Open Ceremony



Figure 2:
Plenary Lectures: Luis Quiroz, Gustavo Guinea, Peter Minev and Mario Storti



Prof. Claudio García and Prof. Cesar Rosas, as Organizing Committee members, work to satisfactorily accomplish the JMC 2013. The Organizers and the CSCM thanks the valuable help to the meeting given by Prof. Diego Vasco and Prof. Roberto Ortega; professionals working in VRIDEI: Mrs. María Isabel Rivera, Mrs. Jeannette Zamorano and Ms. Francisco Rodríguez; and Miss. Geraldine Farías and Ms. Matías Pacheco among a great number of students.

In particular, the CSCM friendly thanks the participation of authors and speakers and, specially acknowledges the active participation of under and post graduate students. All of you built the success of this meeting.

Finally, the CSCM cordially invites to participate in the next version of the Workshop (JMC 2014), further information on the next meeting could be found visiting the web page of the CSCM www.scmc.cl or contacting the President F. Perazzo or the Secretariat M. Cruchaga of the CSCM at franco.perazzo@usm.cl or marcela.cruchaga@usach.cl. ●

Figure 3:
Participants to the XII Workshop on Computational Mechanics JMC 2013 at Universidad de Santiago de Chile

