Mechanics & Industry

Editorial

The biannual Conference in Computational Mechanics (Colloque national en calcul des structures) is organized by the Computational Structural Mechanics Society (CSMA). CSMA is affiliated to the "Association Française de Mécanique" (AFM), the International Association for Computational Mechanics (IACM) and the European Community on Computational Methods in Applied Sciences (ECCOMAS). This regular and well-established event is the unique meeting dedicated to this field in France. Since its inception in 1993, this Conference attracts an ever-increasing audience of junior and senior scientists, engineers and doctoral students.

This 10th edition of the CSMA meeting, held on May 9 to 13, 2011 at Giens, was organized by the LMGC laboratory (University of Montpellier, France). It gathered about 350 participants from international research centres active in computational mechanics, most of them were of course from France but 25 came from Belgium, Canada, Germany, The Netherlands, UK, Spain, Switzerland, USA and a few other countries. Moreover, about 12% of the delegates were from industry.

This issue of *Mechanics & Industry* gathers 7 papers selected among around 280 communications presented at the Conference and accepted after a peer review. These contributions have been chosen on the basis of quality, of course, and of relevance to applications of computational mechanics.

We warmly thank all the authors of the papers featured in this thematic issue.

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