

# Contact Mechanics International Symposium

Abu Dhabi, United Arab Emirates

February 3-5, 2014

## Summary



After a series of dedicated CMIS and Euromech conferences [la Grande Motte (1990); Lausanne (1992); Carry Le Rouet (1994); Peniche (2001); Hannover (2005); Chania (2009); Cargese (2012)], CMIS 2014 will be the 6th CMIS symposium, and the first to be held in the Middle East. Although considerable progress has been made in recent decades on Contact Mechanics, many problems are still open on contact and interface modeling, encompassing mathematical, physical and engineering aspects. The aim of this Colloquium is to gather specialists from mathematics, engineering, and related fields in order to reinforce the interchanges between the theoretical, experimental, and computational communities on these different topics and to stress the complementarity of the contributions for mutual progress on contact modeling.

Anticipated areas of emphasis include new models for interfacial physics and interface modeling; mathematical analysis; multiscale approaches for treatment of contact phenomena; advanced computational methods and domain decomposition approaches; granular materials and DEMs; impact and highly transient contact analysis; and multiphasics phenomena. The meeting will be three days in duration, with all peer-reviewed talks given in plenary format; approximately 5 keynote lectures are planned with contributed contributions being 20 minutes in length. A poster section will also be organized as demand dictates.



## About Abu Dhabi

Both Abu Dhabi and Dubai (about 75 minutes drive) are served by modern airports featuring direct service from most major European cities and many US and Asian destinations. The winter months in Abu Dhabi are particularly temperate with respect to weather conditions, making it a very attractive tourism destination with its beaches, natural desert beauty, and tourist attractions. Post conference excursions to the desert and other sites of interest will be organized at very modest cost according to demand.

## Cost

Conference fee of 175 Euros, including all coffee breaks, lunches, local transportation, and conference dinner; local lodging has been organized at a group rate of approximately 65 Euros/night (including breakfast).

## Important Dates

November 1, 2013	Deadline for Submission of Abstracts
December 1, 2013	Notification of Abstract Acceptance
January 1, 2014	Deadline for booking of lodging to receive conference rate
January 15, 2014	Registration deadline
February 3-5, 2014	CMIS 2014

Please indicate interest in receiving further emails, attending or submitting an abstract by emailing: [cmis2014@kustar.ac.ae](mailto:cmis2014@kustar.ac.ae)