

INTERNATIONAL COLLOQUIUM ON ADVANCED MATERIALS SIMULATION

May 6-7, 2013

Modelling and simulation may contribute to predict the behaviour of materials and to facilitate the design of materials with specific properties. This requires a multiscale materials modelling framework that is based on the fundamental laws of nature and links the electronic modelling hierarchy through the atomistic and mesoscale modelling regimes to macroscopic materials behaviour.

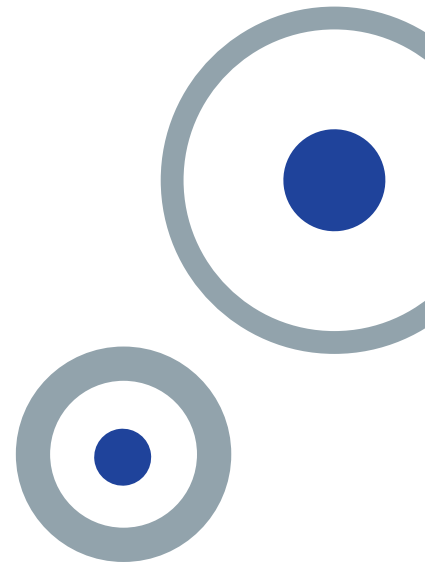
The Interdisciplinary Centre for Advanced Materials Simulation (ICAMS) was launched in 2008 with the aim of advancing multiscale materials modelling from electrons to engineering materials. On the occasion of the 5th anniversary of ICAMS, the International Colloquium on Advanced Materials Simulation ICAMS² will summarize recent developments and advances in the field during a two day meeting on May 6-7, 2013 at the Ruhr-Universität Bochum in Bochum, Germany.

The colloquium will start on Monday, May 6, 2013 at 9:30 a.m. and end on Tuesday, May 7, 2013, 5:00 p.m.

A poster session on Monday evening will give an overview of ICAMS research activities during the past years.

The colloquium will take place in the Conference Centre of the Ruhr University.

icamsquare.rub.de



Invited Speakers (confirmed):

Harry Bhadeshia, University of Cambridge, UK

Esteban Busso, Centre des Matériaux, CNRS, Evry Cedex, France

Mike Finnis, Imperial College London, UK

Graeme Henkelman, The University of Texas at Austin, USA

Byeong-Joo Lee, Pohang University of Science and Technology, Korea

David Pettifor, University of Oxford, UK

Dierk Raabe, Max-Planck Institute for Iron Research, Düsseldorf, Germany

Hans Jürgen Seifert, Karlsruher Institut für Technologie (KIT), Germany

Vaclav Vitek, University of Pennsylvania, Philadelphia, USA

Yunzhi Wang, Ohio State University, Columbus, USA