

CALL FOR PRESENTATIONS

NAFEMS European Conference Multiphysics 2014



Multiphysics Simulation 2014

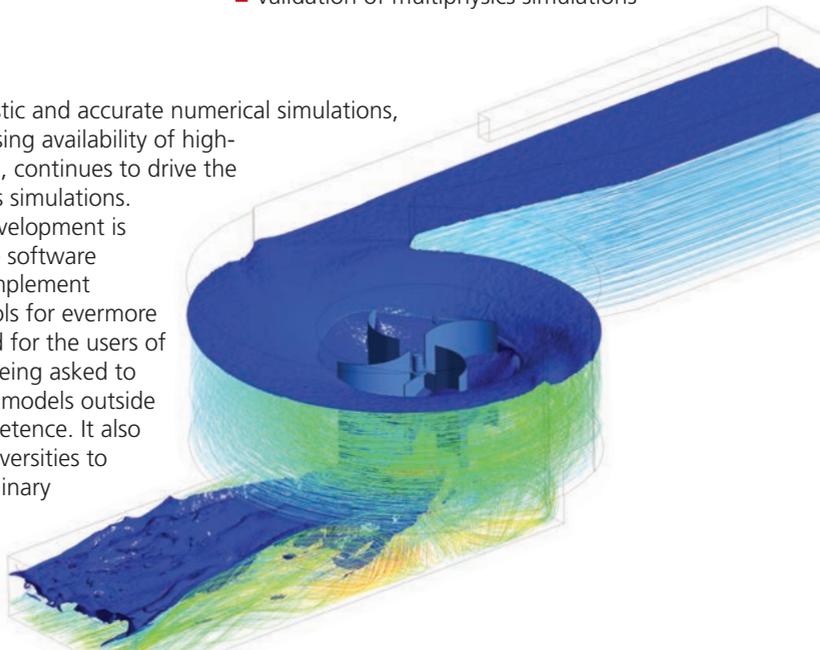
21st & 22nd October 2014 | Manchester, U.K.

NAFEMS is pleased to announce the second European Conference on multiphysics in October 2014. The conference will provide an overview of state-of-the-art-methods for coupled and multiphysics simulations, mainly within the context of industrial applications and CAE.

Topics that will be covered include:

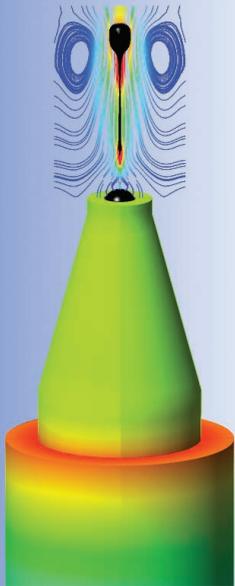
- Industrial applications of multiphysics
- Multiphysics and HPC
- Teaching multiphysics
- Motivation
- Collaborations of industry with academia
- Optimization in multiphysics
- Validation of multiphysics simulations

The need for more realistic and accurate numerical simulations, coupled with the increasing availability of high-performance computing, continues to drive the demand for multiphysics simulations. Keeping up with this development is challenging both for the software vendors, who have to implement increasingly complex tools for evermore diverse applications, and for the users of the software, who are being asked to work with new physical models outside their main field of competence. It also poses a challenge to universities to include more interdisciplinary knowledge in the curriculum.



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The conference brings together researchers, developers, teachers, and users of multiphysics simulation methods to present new results, exchange ideas and discuss the challenges. It is an excellent opportunity to connect to other practitioners in the field of multiphysics and coupled simulations.

In the first instance, abstracts of 300-600 words should be submitted for consideration by 20th June 2014. Abstracts must be clearly marked with presentation title, author's name, organisation, address, phone numbers and email address.

Authors whose abstracts are accepted will be asked to prepare an extended abstract (typically 2-4 pages) and a Power Point presentation - full written papers are not required. NAFEMS prides itself on its independence and neutrality so we kindly request that submissions avoid any overt commercialism.

The conference will include keynotes, exhibits and breakout sessions. You are invited to submit an abstract by e-mail to jo.davenport@nafems.org.

Keynotes ...

PROFESSOR CHRISTOPHER PAIN

Professor Research Fellow Imperial College London

FRANK VOGEL

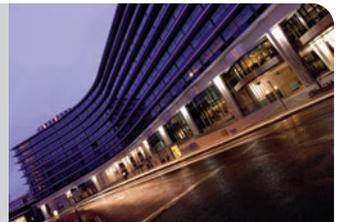
Managing Director inuTech GmbH

Venue ...

Macdonald Manchester Hotel & Spa

London Road, Manchester M1 2PG

- 100 metres from Manchester Piccadilly train station
- Direct trains from the airport, 15 minute journey, trains every 5-10 minutes



www.macdonaldhotels.co.uk/our-hotels/macdonald-manchester-hotel-spa/

The conference is organized jointly by



Fraunhofer
SCAI

Find out more at

nafems.org/mp2014