

CFD4NRS

Benchmarking of CFD Codes for Application to Nuclear Reactor Safety

OECD/NEA International & International Atomic Energy Agency (IAEA) Workshop
hosted by

Gesellschaft für Anlagen- und Reaktorsicherheit (GRS)
Garching, Munich, Germany
5 - 7 September 2006

Deadline for Registration is Approaching

Update: July 2006

Organization of the workshop is nearing completion. **The deadline for registration is August 11.** The conference website contains updated information. Intended participants can download the Registration Form, and obtain information concerning hotel accommodation in the region of Garching. The final programme has been compiled, and will appear on the website during the first half of August. The website address is:

<http://www.nea.fr/html/nsd/workshops/CFD4NRS/index.html>

The programme consists of 39 technical papers, and 5 keynote lectures given by distinguished experts:

M. Réocreux : Institut de Radioprotection et de Sûreté Nucléaire (IRSN), France
Safety Issues Concerning Nuclear Power Plants: the Role of CFD

W. Oberkamp: Sandia National Laboratory (SNL), USA
Design of and Comparison with Verification and Validation Benchmarks

M. Gavrilas: Nuclear Regulatory Commission (NRC), USA
Lessons Learned from International Standard Problem No. 43 on Boron Mixing

H.-M. Prasser: Swiss Federal Institute of Technology in Zurich (ETHZ), Switz.
Novel Experimental Measuring Techniques required to provide Data for CFD Validation

G. Yadigaroglu: Swiss Federal Institute of Technology in Zurich (ETHZ), Switz.
CFD4NRS with a Focus on Experimental and CMFD Investigations of Bubbly Flows

All papers will be presented orally. There will be a plenary keynote lecture to start each ½ day session, followed by 2 parallel technical sessions. The workshop will end with an open forum panel discussion.

Proceedings

Extended Abstracts will be distributed in printed form at the workshop, together with a CD containing the full-length papers. The Official Workshop Proceedings will be issued on a CD after the conference. Note that, for papers to qualify for inclusion in the proceedings, one of the authors must register at the workshop and present the material.

Registration Fees

- Participants and Authors: 200 €
- Graduate Students (restricted, with author preference): 100 €
- Accompanying Persons: 75 € (to cover cost of conference banquet)

The registration fee includes a copy of the extended abstracts, the workshop proceedings on CD, vouchers for lunch and coffee for 2½ days, refreshments at the Vernissage on Tuesday, 5 September and participation at the workshop banquet at the Schloss Nymphenburg on Wednesday, 6 September.

At the end of the workshop, participants and accompanying persons have an opportunity to visit one of the following local places of interest:

- Aerodrome “Flugwerft Schleißheim”, or
- Research reactor (FRM II)

Both visits will take place from 14.00-17.00 on Thursday, 7 September. Numbers are restricted, and early registration for these events is requested. Please contact Martina.Scheuerer@grs.de.

In addition, a list of popular tourist attractions in the Munich area is being compiled for accompanying persons; details will appear at the registration desk on the first day of the workshop.

Dates & Deadlines

August 11, 2006
September 5-7, 2006

Deadline for registration
CFD4NRS Workshop

Organising Committee

Brian L. Smith, Paul Scherrer Institute, Switzerland, General Chair
John H. Mahaffy, Pennsylvania State University, USA, Co-Chair (Single-Phase)
Dominique Bestion, Commissariat à l’Energie Atomique, France, Co-Chair (Multi-Phase)
Martina Scheuerer, Gesellschaft für Anlagen- und Reaktorsicherheit, Germany, Local Organizer
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Estelle Graffard, Institut de Radioprotection et de Sûreté Nucléaire, France
Mats Henriksson, Vattenfall Utveckling AB, Sweden
Thomas Höhne, Forschungszentrum Rossendorf, Germany
Moonkyu Hwang, Korea Atomic Energy Research Institute, Korea
Ed Komen, Nuclear Research and Consultancy Group, Netherlands
Fabio Moretti, University of Pisa, Italy
Tadashi Morii, Japan Nuclear Energy Safety Organization, Japan
Petr Mühlbauer, Nuclear Research Institute, Czech Republic
Tadashi Watanabe, Japan Atomic Energy Research Institute, Japan
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