



Smoothed Particle Hydrodynamics European Research Interest Group

Summary of the Steering Committee Meeting

2 November 2009

EDF LNHE, Chatou, France

SC members present:

Damien Violeau, EDF R&D, France (chair)
Nathan Quinlan, NUI Galway, Ireland (secretary)
Ben Rogers, University of Manchester, UK (webmaster)
Jean-Christophe Marongiu, Andritz Hydro, Switzerland
Paul Groenenboom, ESI BV, Netherlands
David Le Touzé, Ecole Centrale de Nantes, France
Moncho Gómez-Gesteira, Universidad de Vigo, Spain
Jason Hughes, University of Plymouth, UK
Xiangyu Hu, TU Munich, Germany

Also present:

Dominique Laurence, EDF R&D, France / University of Manchester, UK
Thomas Rung, TU Hamburg-Harburg, Germany
Alejandro Crespo, Universidad de Vigo, Spain
Clarisse Fil, EDF R&D, France

Apologies:

Andrea Colagrossi, INSEAN, Italy
John Biddiscombe, CSCS, Switzerland
Stefano Sibilla, Università di Pavia, Italy

1 Welcome

D. Violeau gave a brief introduction to EDF and welcomed new SC members Xiangyu Hu and Jason Hughes.

2 5th Workshop: Manchester, 23-25 June 2010

The 5th workshop will take place from in the University of Manchester. B. Rogers, chairman, reported on progress. Venues are booked, some sponsorship is secured. The event website is live at <http://www.mace.manchester.ac.uk/5thspheric>. The 2nd UK Astrophysics SPH Forum will take place in Manchester immediately before the SPHERIC workshop.

The following programme was agreed for the training day (22 June):

Introduction to SPH	lecture	D. Violeau	45 minutes
Boundary conditions in SPH	lecture	J-C Marongiu	45 minutes
SPHYSICS	practical	B. Rogers et al.	1 hour
pv-meshless	practical	J. Biddiscombe	2.5 hours

Practical sessions will take place in a PC suite with software pre-installed.

Important dates are 18 February for abstract submission, 18 March for notification of acceptance, 24 April for final papers, and 1 April for early registration.

D. Le Touzé will forward mailing list to B. Rogers.

3 SPHERIC membership

D. Violeau reported that SPHERIC now has 73 member organisations.

4 ERCOFTAC

J-C Marongiu represented SPHERIC at the ERCOFTAC SPC meeting in Lausanne. SPHERIC is recognised and funded as an active SIG, although its main website is outside the ERCOFTAC framework. D. Violeau will attend the next SPC meeting.

5 Website

B. Rogers reported that streaming video can now be displayed on the website. SC members are reminded to contribute video and images for the website.

6 Benchmarks

D. Le Touzé, P. Groenenboom, N. Quinlan and B. Rogers will contribute new benchmark cases before the end of 2009.

7 Next newsletter

D. Le Touzé, J-C Marongiu, and B. Rogers will contribute articles for the next newsletter. D. Violeau will ask all SPHERIC members for articles.

The SC agreed in principle to hold a blind SPH modelling event against confidential benchmark data. D. Violeau will write to SPHERIC members seeking proposals.

8 IAHR Congress

D. Violeau reported on the successful SPH session at the IAHR Congress. A keynote lecture by Prof. Joe Monaghan was well received and attended by 700 delegates. 6 papers and some posters on SPH were presented.

9 Special Journal Issues on SPH

M. Gómez-Gesteira, editor of the JHR special issue, reported that proofs of all articles have now been sent to authors, and the issue is likely to appear in December 2009.

10 Chair of SC

D. Violeau intends to step down as chairman following the next workshop.