



Smoothed Particle Hydrodynamics European Research Interest Group

Summary of the Steering Committee Meeting

28 May 2009

Ecole Centrale Nantes, France

SC members present:

Damien Violeau, EDF R&D (chair)
Nathan Quinlan, NUI Galway, Ireland (secretary)
Ben Rogers, University of Manchester, UK (webmaster)
Peter Stansby, University of Manchester, UK
Stefano Sibilla, Università di Pavia, Italy
Jean-Christophe Marongiu, Andritz Hydro, Switzerland
Andrea Colagrossi, INSEAN, Italy
John Biddiscombe, CSCS, Switzerland
Paul Groenenboom, ESI BV, Netherlands
David Le Touzé, Ecole Centrale de Nantes, France
Moncho Gómez-Gesteira, Universidad de Vigo, Spain
David Graham, University of Plymouth, UK

Also present:

Thomas Rung, TU Hamburg-Harburg, Germany

1 Comments on the present workshop, acknowledgments: All

The SC congratulated and thanked David Le Touzé and the local organisation committee on a highly successful 2009 SPHERIC workshop.

2 Summary of the last ERCOFTAC meeting (Budapest): S. Sibilla

S. Sibilla reported on the ERCOFTAC meeting of 4-5 May in Budapest, at which he represented SPHERIC. SPHERIC is perceived as a very active SIG. The next ERCOFTAC meeting will be in Lausanne on 2 October 2009. J.-C. Marongiu will attend.

3 Libersky Prize: All

The Libersky Prize will be presented to S. Marrone, with M. De Lefte and J. Leduc in second and third place, respectively.

4 New benchmark cases: P. Groenenboom, All

P. Groenenboom circulated details of three proposed new benchmarks – a new 2D dambreak problem, an oscillating submerged cylinder, and an elastic plate. D. Le Touzé, A. Colagrossi, S. Sibilla and N. Quinlan will prepare new benchmarks. All benchmarks are to be documented on the SPHERIC template.

5 Website, reference database: B. Rogers and N. Quinlan

B. Rogers reported that there are some new images on the website and reminded members to send Ph.D. these to him for posting on the website. N. Quinlan reported that the reference database on www.citeulike.org is steadily growing.

6 June 2009 issue of the newsletter: D. Violeau

D. Violeau has already received some contributions for the next newsletter. D. Le Touzé will send a report on the workshop. B. Rogers will contribute a review of work on surface tension presented at the workshop.

7 IAHR events (Vancouver conference, JHR special issue): M. Gesteira & D. Violeau

D. Violeau and Alexandre Tartakovsky have organised a special session at the 2009 IAHR Congress, Vancouver, with a keynote lecture by Prof. Joe Monaghan and 6 papers. M. Gesteira is editing a special issue of the Journal of Hydraulic Research on SPH, which is nearly ready for publication.

8 2010 workshop (conference?) in Manchester: B. Rogers

The Manchester workshop will take place on 22-25 June 2010.

9 Discussion, suggestions: All

The next SC meeting will take place at EDF in Paris.