



## **Smoothed Particle Hydrodynamics European Research Interest Group**

### **Summary of the Steering Committee Meeting**

**24 May, 2007**

**Escuela Técnica Superior de Ingenieros Navales, Universidad Politécnica de Madrid**

#### **SC members present:**

Damien Violeau, Electricité de France (chair)  
Nathan Quinlan, NUI Galway, Ireland (secretary)  
Ben Rogers, University of Manchester, UK (webmaster)  
Andrea Panizzo, Università di Roma La Sapienza, Italy  
Moncho Gomez-Gesteira, Universidade de Vigo, Spain  
Etienne Parkinson, VA Tech Hydro, Switzerland  
David Graham, University of Plymouth, UK  
Paul Groenenboom, ESI BV, Netherlands  
Andrea Colagrossi, INSEAN, Italy  
John Biddiscombe, CSCS, Switzerland  
David Le Touzé, Ecole Centrale de Nantes, France  
Peter Berczik, Universität Heidelberg

#### **Also present:**

Cristopher George, IAHR

#### **1. Collaboration with IAHR**

C. George gave a brief account of IAHR activity and outlined possible modes by which IAHR could collaborate with SPHERIC. These include support through IAHR capabilities and facilities for publication, conference administration etc, and promotion of SPH in IAHR events. It was noted that D. Violeau is organising a special session on SPH in the 2007 IAHR Congress. The SC will discuss potential links with IAHR. In the meantime, it was decided that SPHERIC should accept IAHR's proposition in bringing a support to the next conference's administration. D. Violeau will also send to C. George a copy of the annual short report sent to ERCOFTAC, in order to publish the main scientific results in IAHR's newsletter.

#### **2. 2007 Workshop**

The SC agreed the 2007 workshop was an outstanding success and congratulated the organising committee.

The SC expressed the view that the innovations of the 2007 workshop (discussion panels, timer, proceedings) should be retained if possible in future workshops. The invited lecturers will be asked to send a pdf of their presentations to put them on the SPHERIC website.

M. Gomez-Gesteira explained that due to late changes in the programme, it was not possible to announce a student prize at the workshop. The SC agreed to select a best student presentation after the workshop, publicise the award, and invite the winner to the next workshop (free of charge). A pdf of the winner's presentation will also be put on the website.

#### **3. ERCOFTAC news**

D. Violeau reported that ERCOFTAC have suggested a special issue of the ERCOFTAC bulletin devoted to the SPHERIC workshop. The SC were in favour of this proposal. D. Violeau will seek more detail regarding length and number of articles required, and a number of participants in the workshop will be invited to contribute.

#### **4. Next SC meeting**

N. Quinlan will arrange the next meeting in Galway, Ireland in October 2007.

#### **5. Newsletter**

M. Gomez-Gesteira will contribute a report on the workshop for the next newsletter. A. Colagrossi will compile a report on solutions for benchmark test case 6 (2D Incompressible flow around a moving square inside a rectangular box). M. Gomez-Gesteira will ask A. Crespo to compile a report on benchmark test case 5 (collapse of a water column on a wet bed).

#### **6. SPHERIC Website**

Ben Rogers has rebuilt the website as a wiki, hosted on a University of Manchester system. He pointed out that the site requires more contributions, particularly in the form of images and movies. SPHERIC members are invited to contribute in that sense. B. Rogers will establish a mailing list of SPHERIC members. He noted that the jobs section is the most visited.

#### **7. 2008 workshop**

The SC accepted Pierre Maruzewski's proposal that the 2008 workshop would be hosted in Lausanne by EPFL, ETH Zurich, CSCS and VA Tech Hydro.