



## Smoothed Particle Hydrodynamics European Research Interest Group

### Minutes of the Steering Committee and Local Organising Committee meeting

17 October, 2017

Peking University, Beijing, China

#### SC members present:

*Ben Rogers (Univ. Manchester, UK, chair)*

*Andrea Colagrossi (CNR-INSEAN, Italy)*

*Matthieu de Leffe (Nextflow Software, France)*

*David Le Touzé (Ecole Centrale de Nantes, France)*

*Xiangyu Hu (Technical Univ. of Munich, Germany)*

*José Domínguez (for Alex Crespo, Univ. of Vigo, Spain, webmaster)*

#### Local Organising Committee (LOC) members

*M.B. Liu (Peking Univ.)*

*A. M. Zhang (Harbin Engineering University)*

#### Also Present:

*Y.T. Gu*

#### SPHERIC S.C. Members not able to attend the meeting:

*Jean-Christophe Marongiu (Andritz Hydro, Switzerland)*

*Thomas Rung (Technical Univ. of Hamburg Harburg, Germany)*

*Antonio Souto-Iglesias (Univ. Politecnica de Madrid, Spain)*

*Renato Vacondio (Univ. of Parma, Italy, newsletter editor)*

*Rade Vignjevic (Brunel Univ., UK)*

*Damien Violeau (EDF R&D, France)*

*Stefano Sibilla (Univ. of Pavia, Italy, secretary)*

*Nathan Quinlan (Nat. Univ. Ireland, Galway, Ireland)*

### Specific issues

#### 1. Update on Beijing 2017 workshop:

Moubin Liu reports ~100 participants already paid with more on-site registrants expected. 56 abstracts were received which were all accepted (being less than the agreed threshold of 60 for full review): 43 papers were submitted; 10 papers are eligible for the student prize. The overall budget of the workshop, 89333 RMB is in balance but requires the sponsorship of National Science Foundation and industrial company Beijing Patara. Costs include: 2 Keynote Speakers, 4 Training Day Lecturers, 4 invited participants & 10 volunteers.

The workshop has kept the format of the SPHERIC workshops with 3 days of presentations & 1 Training Day.

There were 55 participants to the training day, with 2 lectures in the morning (X.Y.Hu & Prof. Y.Y. Gu) followed by the DualSPPhysics practical section in the afternoon.

Student Prize: despite more students being present, only 10 students have made themselves eligible for the student prize. The prizes will be awarded as follows: Best Paper Award (1<sup>st</sup>), Outstanding Paper Award (2<sup>nd</sup>), Excellent Paper Award (3<sup>rd</sup>). No student from Europe, 1 student from US, 1 from Australia, all the rest from China.

Special Issue of a journal for best papers (numbers undecided, probably 10-16)

- International Journal of Computational Methods (better for methodologies)
- Journal of Hydrodynamics (better for applications)

Newsletter: M.B. Liu to write piece for December 2017 issue

Unforeseen issues: apart from website issues, there were no major problems.

All present commented on how well organised the workshop was and everyone appreciated the outstanding effort of Moubin and his team in organising the workshop. Moubin also expressed his gratitude for everyone who travelled from Europe to attend the workshop.

## 2. Next Workshop in Asia Pacific Region

The Chair (BDR) reported that he had approached an SPH colleague at the National University of Singapore (NUS) who had provisionally agreed to host the next workshop. However, compared to the Beijing workshop where the success relied on the large number of Chinese participants, all present expressed doubts that (i) there are insufficient numbers of active SPH people in Singapore for a 2<sup>nd</sup> workshop outside of Europe to be a success where there would be far fewer Chinese delegates, (ii) the organiser had not attended a SPHERIC workshop himself.

Building on the success of this workshop, Prof. Aman Zhang, who has been on the Local Organising Committee of the Beijing workshop, suggested that he could organise the next workshop to be held in Harbin Engineering University. The exact dates would need to be confirmed, but probably 2019.

NUS would be invited to the next workshop and asked to consider organising the 3<sup>rd</sup> Workshop in Asia. **Action: BDR to inform NUS**

SPHERIC S.C. members present stated that having two SPHERIC workshops per year would be too heavy a workload and travel, and that it would be better to have a workshop outside of Europe every 2 years. All agreed that this was appropriate since each workshop takes 2 years of preparation.

## 3. Meaning of SPHERIC

With the SPHERIC Beijing Workshop being such a success, the meaning of the acronym SPHERIC it is being suggested by multiple members that the original 'European' meaning of the acronym is becoming less relevant and slightly inappropriate. All members agreed that we keep SPHERIC as the

brand and that we find a new meaning of the acronym. This needs to be confirmed at the SPHERIC S.C. Meeting in November 2017 in Rome.

#### **4. Monaghan Prize**

Andrea Colagrossi reported that he had only received 1 nomination so far for the 2<sup>nd</sup> Monaghan prize which will be awarded at the 2018 Galway workshop. Nominations remain open until 31<sup>st</sup> October 2017 and he will make an announcement at the end of this workshop.

#### **5. Autumn SC meeting**

The autumn meeting of the SC will take place in Rome, at INSEAN, on Friday 17 November. The working group on the SPHERIC by-laws will meet in the same place on the day before, Thursday 16 November.

BDR 2017-10-18