



Smoothed Particle Hydrodynamics rEsearch and engineeRING International Community

**Minutes of the Steering Committee and Local Organising Committee meeting  
January 13<sup>th</sup> (19:00PM-20:30PM) 2020**

**Jingu Hotel, Room 406, 4th floor**

**Harbin Engineering University, Harbin, China**

**SC members present:**

*Prof. Ben Rogers (University of Manchester, UK, Chair)*  
*Prof. David Le Touzé (Ecole Centrale de Nantes, France)*  
*Dr Salvatore Marrone (INSEAN, Italy)*  
*Dr Xiangyu Hu (Technical University of Munich, Germany)*  
*Prof. Antonio Souto-Iglesias (Technical University of Madrid)*

**Local Organising Committee (LOC) members**

*Chair: Prof. A-Man Zhang (Harbin Engineering University, China)*

*Co-chairs:*

*Prof. Moubin Liu (Peking University, China)*  
*Prof. Xiong Zhang (Tsinghua University, China)*  
*Prof. Hongfu Qiang (Xi'an Hi-Tech Institute, China)*  
*Prof. Yang Yang (Northwestern Polytechnical University, China) – deputising for Prof. Fei Xu*  
*Prof. Li Zou (Dalian University of Technology, China)*  
*A/Prof. Furen Ming (Harbin Engineering University, China)*

*Also Present:*

*Dr Abbas Khayyer (University of Kyoto, Japan)*  
*Dr Yang Yang (Northwestern Polytechnical University, China) -representing Prof. Fei Xu*

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

*Renato Vacondio (Univ. of Parma, Italy, newsletter editor)*  
*Alex Crespo (Univ. of Vigo, Spain, webmaster)*  
*Rade Vignjevic (Brunel Univ., UK)*  
*Stefano Sibilla (Univ. of Pavia, Italy, secretary)*  
*Nathan Quinlan (Nat. Univ. Ireland, Galway, Ireland)*  
*Matthieu de Leffe (Nextflow Software, France)*  
*Angelo Tafuni (New Jersey Inst. Technology, USA)*

**Specific issues**

**1. Update on Harbin 2020 workshop:**

The LOC gave a presentation of the status of the workshop commenting on the Committees, Training Day, Workshop, Reservations, Key Ceremony and Budget:

Training Day 13<sup>th</sup> January 2020, 8:30 – 17:20: 32 participants registered, but more than 60 present. Some issues with access to machines reported. All technical issues with practical session were finally resolved. Talks given by Dr Guillaume Oger, Prof. Abbas Khayyer, Dr Pengnan Sun, Dr Matteo Antuono and practical session delivered by Dr Salvatore Marrone & Dr Guillaume Oger.

LOC reports ~140 delegates with 20 from outside China (UK, France, Italy, Germany, Spain, Japan, Canada). 72 abstracts were accepted (3 retracted by authors due to time constraints and visa issues): 52 full papers were submitted; 10 papers are eligible for the student prize. 120 handbooks printed including student papers with full proceedings on USB.

The overall budget of the workshop: 252,350 RMB covered all expenses:

Registration income 5,600 RMB + Self-financing of 200,750 RMB from National Natural Science Foundation of China (NSFC), HEU and Heilongjiang Touyan Innovation Team Program. Fee for participants from outside of China was free. Fee for regular participants from China 1800 RMB (early registration), 2400 RMB (regular registration) and 2800 RMB (on-site). Fee for student participants from China 900 RMB (early registration), 1200 RMB (regular registration) and 1400 RMB (on-site).

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

Keynote speakers: Prof. Xiong Zhang (Tsinghua University, China), Prof. Abbas Khayyer (Kyoto University, Japan), Dr Yang Yang (deputising for Prof. Fei Xu, Northwestern Polytechnical University, China)

Student Prize: 21 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>).

Special Issue of a journal for best papers (numbers undecided, probably 6)

- Journal of Hydrodynamics

Newsletter: Prof. A-Man Zhang to write article for June 2020 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 Prof. A-Man Zhang and his team in organising the workshop. Prof. A-Man Zhang also expressed the gratitude of the LOC for everyone who travelled from outside of China to attend the workshop.

## **2. Next Workshop in Asia Pacific Region**

The members of the SC received a proposal from the Northwestern Polytechnical University (Prof. Fei Xu and Prof. Yang Yang), city of Xi'an, Shaanxi province, China to organise the next SPHERIC Asian Pacific region workshop in 2022. The exact dates would need to be confirmed, but probably 2022. With insufficient members of the SC present in Harbin, the following points were communicated to Prof. Fei Xu during the workshop:

- (i) We acknowledge the receipt of an application to host the next SPHERIC China workshop in Xi'an from Prof. Fei Xu
- (ii) Such an important event officially requires approval of the SC Members which needs a quorum of SC Members to give final approval. The next full SC meeting will be in New York in June.
- (iii) The SC Members present consider approval by the SC for the next workshop to be a formality.
- (iv) We have one query regarding the finances, which seemed unclear at the SC Meeting yesterday from Yang Yang. The financial viability needs to be confirmed.

**Action:** SPHERIC SC to confirm Northwestern Polytechnical University, Xi'an as next China SPHERIC workshop.

### **3. Next SC meeting**

The next meeting of the SC will take place in New Jersey Institute of Technology, during the next SPHERIC Workshop in the US, June 2020.

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