



Smoothed Particle Hydrodynamics European Research Interest Group

Summary of the Steering Committee Meeting

13 and 15 June, 2016

TU Munich

SC members present:

Ben Rogers, University of Manchester, UK (chair)
Nathan Quinlan, NUI Galway, Ireland (secretary)
Xiangyu Hu, TU Munich, Germany
David Le Touzé, Ecole Centrale de Nantes, France
Antonio Souto-Iglesias, UPM, Spain
Magdalena Neuhauser, Andritz Hydro, Switzerland
Andrea Colagrossi, CNR-INSEAN, Italy
Stefano Sibilla, University of Università degli Studi di Pavia, Italy
Alex Crespo, Universidad de Vigo, Spain
Tom De Vuyst, Brunel

(15 June only)

Paul Groenenboom, ESI Group, Netherlands (17 June only)
Damien Violeau, EDF R&D, France (newsletter editor)
Thomas Rung, Technische Universität Hamburg-Harburg, Germany
Renato Vacondio
Matthieu De Leffe

Also present: (13 June only)

M. B. Liu

Also present: (15 June only)

Peter Eberhard, Fabian Spreng
Mehmet Yildiz

Specific Issues

1 Update on 2016 Workshop

Xiangyu Hu reports 130+ participants (including some non-paying TUM, sponsors, keynotes,) of which 116 paying (details below). 142 attendees for conference dinner, including accompanying persons. Every continent was represented.

	Student	Regular
Early	36	42
Not early	16	22

There were 32 attendees at the training. 70 abstracts were received for 59 talks. Each session is 1 hour + 5 minutes as usual for 4 talks and discussion panel.

Following discussion, the Monaghan Prize Lecture by A. Colagrossi will be on Tuesday afternoon to open the discussion session. Peter Stansby will chair and introduce. Libersky Prize will be assessed by M. B. Liu in addition to the Scientific Committee.

The SC thanked and congratulated Xiangyu Hu on his organisation of the 2016 Workshop.

2 SPH governance survey

Ben Rogers has prepared a survey with 4 questions. Will implement online.

David Le Touzé summarised results of survey last year – 55 responses – workshop format is appreciated, and comments were generally positive. This will be reviewed in detail at next SC meeting.

3 New website

Alex Crespo demonstrated new website. B Rogers will update list of members and forward to Alex. Members may submit images to Alex to feature on front page.

4 ERCOFTAC

Ben Rogers contacted B Geurts to discuss engagement with ERCOFTAC. Will continue to pursue. SC and future workshop organisers are reminded that applications to ERCOFTAC for conference funding must be early.

5 Standardisation of workshop

The SC will revisit this topic in Autumn.

6 Future of Monaghan Prize

As agreed at Nov 2015 SC meeting, the next Prize will be awarded in 2018, with announcement in 2017. Nomination will be by online form on website rather than email.

7 New members of steering committee

Requests received from Renato Vacondio (University of Parma), Matthieu De Leffe (Nextflow software). SC agrees to accept both, and both are invited to the second part of the meeting (15 June).

8 Internationalisation and Asian workshop

M. B. Liu will begin organisation of SPHERIC workshop in China in 2017. Venue should be Beijing, for ease of travel from Europe. Should be a regular event, to be held in Sept/Oct 2017 for the best weather. Must apply by Sept 2016 for official approval – response will be given in about 1 month. Will largely follow format of European workshop. For indicative numbers: Chinese national meshless methods event will have about 200 delegates.

9 New projects?

Antonio Souto: UP Madrid will award honorary doctorate to Joe Monaghan. Could arrange conferring on Friday after SPHERIC 2017 in Ourense to facilitate delegates attending.

10 2018 Workshop

Alex Crespo proposed Monday 12 Jun to Thursday 15 June 2017. The venue is booked in the University. Proposes DualSPHysics for training day. Welcome cocktail in city centre. Boat trip before dinner. Alex will be the chair, with co-chairs Moncho Gesteria (Vigo) and Corrado Altomare of Flanders.

11 Future Workshops

The 2018 workshop will be organised by Nathan Quinlan in Galway.

Regular issues

12 New SPHERIC members

There are 5 new members.

13 Newsletter

The following to make contributions: Xiangyu – Munich workshop; Renato – multiphase SPH workshop; Ben – SC changes; top 3 students in Libersky prize contest

14 Grand Challenges working group

No progress reported. There was some discussion of how to stimulate activity in the GC areas. Proposals include one-day workshop on 1 of the GCs, or more regular prizes/recognition for GC papers. **Decision:** invite JM prize runners-up to do short lectures like Andrea's this year, which was felt to be successful.

15 Youtube channel

Alex Crespo: no submissions received

16 Benchmarks

Alex Crespo will post floating body benchmark with data from Andrea Colagrossi. BR suggests obtain DOIs for benchmarks.

17 Bibliography

Nathan reports 795 references, of which 24 new since last SC meeting. Will use Scopus or similar to update bibliography.

18 Retirement of Paul Groenenboom

Ben Rogers on behalf of the the SC thanked Paul for his long participation in SPHERIC and wished him well on his retirement.

19 IUTAM

Peter Eberhard: IUTAM is open to endorse events and endorse or affiliate organisations such as SPHERIC. There would be no costs. The two organisations would exchange observers to each other's meetings. No conflict (on IUTAM side) with ERCOFTAC endorsement. Ben will discuss further with Peter.

20 Autumn SC meeting

The next meeting will be in Manchester, in late November or early December.