**Minutes of the IAHR Experimental Methods and Instrumentation (EMI) Committee Meeting**

The meeting took place in the Hotel Riu Plaza, on the 3rd September 2019, at 18:30, with an attendance of about 25 members. It was chaired by Alesio Radice and Rui Ferreira (EMI chair and vice-chair, respectively).

EMI Chair, Alessio Radice opened the meeting by presenting the agenda and asking if there were any point to add to the agenda by the attendants. No new points were added. The announced agenda was folowed.

*1. Informations*

The minutes of the Madrid meeting (February 2019) were approved.

Informations were given about the elections for the Council and the changes to the Constitution of the International association for hydro-environment engineering and research.

The organization of the committee was discussed

It was announced that the previous leadership team (below) was stepping down.

Previous team

Alessio Radice (chair), Rui Ferreira (vice chair), Rui Aleixo (past chair)

Claudia Adduce, Elsa Carvalho, Margaret Chen, Mario Franca, Markus Noack (elected members)

An Ruidong, Massimo Guerrero, Gensheng Zhao (co-opted members)

For term 2019-2021:

Rui Ferreira will take over as chair of the TC

Massimo Guerrero will serve as vice-chair

Alessio Radice will be the past-chair

New members shall be elected and co-opted (a call for nominations will be opened; ballot before spring 2020)

*2. Report 2017-2019*

The report for the 2017-2019 period was discussed

EMI-led events

HydroSenSoft 2019, Madrid (symposium organization)

WATER Summer school in Belgium (2018) and Bologna (2019)

Workshop on river sedimentation 2019, Porto (workshop organization)

Participation in non-EMI led events

EGU 2018 & 2019, Vienna (sessions convened)

ISHMMT 2018, Nanjing (keynote speech)

IAHR-EU 2018, Trento (master class and session convened)

Int. Symp. on Ecohydraulics 2018, Tokyo (session convened)

IAHR World 2019, Panama (special sessions convened)

Contributions to Hydrolink

Questions from the attendants were answered. Mostly about the impact of Hydrosensoft and WATER.

*3. The future of EMI*

3.1 Hydrosensoft

The pertinence and adequacy of HydroSensoft to fulfil EMI’s objectives, in light of the perceived impact, was discussed. The new leadership team obtained a mandate to study and decide if i) HydroSensoft as is (in Madrid, organized by the Madrid headquarters and EMI chairs) should be maintained, ii) it should become an itinerant conference hosted by EMI members, iii) should be substituted by more focused special sessions in general conferences, iv) other type of events.

3.2 WATER workshop

It was decided that the WATER workshop should become a steady event of the committee. The leadership team obtained a mandate to study the best way to ensure its continuation, from 2020 onwards. The necessity of a call for proposals would be one of the pressing issues to address.

3.3 Upcoming conferences

The participation of EMI members in the forthcoming RiverFlow 2020 and IAHR Europe 2020 conferences was encouraged. The promotion of special sessions with themes aligned with EMI was deemed very important.

3.4 Working group on Drones

A Working Group on drones is under preparation. Information and ideas for its development were discussed.

3.5 Vision for EMI, structuring actions

The IAHR monograph and Hydrosensoft were identified as important structuring events for EMI. The former has been published. The continuation of the latter needs further debate.

A discussion of new structuring actions was took place. Key talking points:

- Connecting developers of instrumentation and users of instrumentation;

- Defining ‘Grand challenges’, an obvious deliverable of any committee. Provide an editorial view on what is worth investing time and resources, not only in what concerns instrumentation but also experimental methods.

- Updating the IAHR Monograph online and complementing it with software, taking advantage of the new contract negotiations between IAHR and Taylor and Francis.

With no further topics on the agenda, the meeting was ended at 19:30.