
Report from AC3 International Commission for Acoustics (ICA) to IUPAP

August 2019

1. ICA Governance.

The ICA is composed of the acoustical societies from member countries plus international affiliate organizations which themselves have individual members distributed across the world and also organize international conferences every one or two years.

Over the 3 years between General Assemblies, the 15 member ICA board, with 30% females, consists of the following members: The executive: President Michael Taroudakis (Greece), Vice-President Jeong-Guon Ih (Korea), Secretary General Michael Stinson (Canada), Treasurer Antonio Perez Lopez (Spain), Past-President Marion Burgess (Australia). The remainder of the board are Julio Cordioli (Brazil), Dorte Hammershøi (Denmark), Bertrand Dubus (France), Martin Ochmann (Germany), Antonino Di Bella (Italy), Kohei Yamamoto (Japan), Grazyna Grelowska (Poland), Monika Rychtarikova (Slovakia), Kerstin Persson Waye (Sweden) and Mark Hamilton (USA).

The 2018 ICA Board meeting was held in Hersonissos, Crete, on the 31st May 2018. The meeting venue was Creta Maris Conference Center, host of the EURONOISE 2018 Conference held 27-31 May 2018. During this meeting the modified statutes of the ICA to be presented at the Spanish authorities for the registration of the ICA under the Spanish law were approved.

President Michael Taroudakis and Treasurer Antonio Perez-Lopez prepared the documents required by the Spanish Law in order that the Commission is formally registered. The new text of the ICA Statutes was compiled and sent to the member societies for comments. The text was approved by the ICA Board during the Hersonissos meeting and was presented at the Spanish Registry. Once that is completed the ICA will seek registration under VAT and be a legally registered organization. The preparation of the text of the new Internal Regulations is underway. It is expected that the formal acceptance of the new Internal Regulations will be done by the General Assembly in Aachen during the ICA Congress in 2019.

Dorte Hammershøi, member of the ICA Board, represented ICA in the IUPAP C&CC meeting held in Vilnius (Lithuania) in November 2018, and Michael Taroudakis, President of ICA represented ICA in the International Science Council (ISC) Founding General Assembly held in Paris in July 2018.



2. International Year of Sound

The International Year of Sound 2020 (IYS 2020) was an initiative of the ICA, which met many supporters. After consultation and negotiations with executives and National representatives at UNESCO, the ICA and La Semaine du Son (LSdS) have signed a Memorandum of Understanding and will cooperate to achieve international recognition of the goals of existing UNESCO Resolution 39 C/49 25 September 2017 on “The Importance of Sound in Today’s World: Promoting Best Practices” which was an initiative of LSdS. The motto of the IYS 2020 is “**Importance of Sound for the Society and the World**”.

The webpage www.sound2020 has been established and explains the background and the program.

The IYS 2020 will comprise activities organised centrally by ICA, activities organized by La Semaine du Son and activities organized by the ICA Member Societies and International Affiliates. In this respect, the ICA is mobilizing its Member Societies and International Affiliates to arrange activities during 2020 that will promote best practices in sound.

In short, the ICA Central Activities will include at least:

- The Official Opening of the IYS 2020 to be held at the Grand Amphitheatre of the Sorbonne University on **Friday 31 January 2020**.
- Production of a Video highlighting the importance of sound in all aspects of life. The video will be freely available through the IYS 2020 website and will be shown in all IYS 2020 activities.
- An International student competition focused on the importance of sound.
- Organization of Special thematic and outreach sessions in major International Conferences to be held in 2020.
- Hosting of the website www.sound2020.org
- Promoting member activities with a strong ‘outreach’ component.
- Creating a record of the activities.

The IYS 2020 is centrally coordinated by a Liaison Committee which provides coordination between the ICA and the Semaine du Son organizations. Marion Burgess, past President of the ICA and Michael Taroudakis, President of the ICA represent the ICA in the Liaison Committee

In addition a Steering Committee has been formed to coordinate all the activities around the world under the IYS 2020. While majority of these will be organized by the ICA member organisations this is not a restriction and any events in accordance with the goal of the IYS2020 are encouraged. First meeting of the Steering Committee was held in Madrid during INTERNOISE 2019. Next meeting will be held in Aachen during the International Congress on Acoustics 2019.

The activities to be encouraged will highlight the importance of sound in our world and will promote best practices in sound. These activities will include National Conferences on Acoustics, thematic conferences and workshops related to sound, seminars, concerts and special events addressed to the public, and involvement of the media. The details of the outreach activities will be posted on the IYS 2020 website.

ICA is grateful for the continuous support from IUPAP for an IYS. We look forward to the IUPAP accepting the invitation to send a representative to the Opening of the IYS in Paris.



3. ICA Congress

The next ICA Congress (**23rd ICA congress**) will be held in the historical city of **Aachen, Germany, 9-13 September 2019**. This congress is jointly organized by the German Acoustical Society, DEGA, and the European Acoustics Association, EAA. EAA's EUROREGIO conference with its "EAA Summer School" for young acousticians will be integrated into ICA 2019. The Summer School will be held in Leuven, Belgium with a series of special training courses for both undergraduate students and students on MSc and PhD level. The technical congress program includes five plenary lectures as well as keynote, invited, contributed, and poster papers covering all aspects of acoustics. A rich social program and program for accompanying persons has also been prepared.

Three satellite events are associated with ICA 2019:

- ISRA 2019 – International Symposium on Room Acoustics, Concertgebouw Amsterdam (<https://www.concertgebouw.nl/en/history>), (September 15-17).
- ISMA 2019 – International Symposium on Musical Acoustics, Detmold, Germany (<http://www.hfm-detmold.de/en>). (September 13-17).
- EAA Spatial Audio Signal Processing Symposium (SASP) Sorbonne Université, Paris, France (September 6 -7).

The Congress Chairman is **Prof. Michael Vorländer** (RWTH Aachen University) former President of the ICA.

ICA is grateful to the **IUPAP** for the financial support of the ICA 2019 Congress. During the last IUPAP C&CC meeting in Vilnius, Lithuania, the Council of the International Union of Pure and Applied Physics has approved the sponsorship and funding for the ICA 2019 with a total grant of €10 000. The allocated grant will be used to support young participants and delegates from developing countries.

More information on the Congress can be found on the website www.ica2019.org.

As decided by the ICA Board in the meeting held in Buenos Aires on 2016, the 2022 ICA congress will be held in **Gyeongju, South Korea 24-28 October 2022**. **Prof. Jeong-Guon Ih** (vice President of the ICA) will be the General Chair and **Prof. Chan Hoon Haan** will be the Technical Program Chair. Preparations for this Congress are well underway.

During the ICA Board meeting to be held in Aachen on the occasion of the ICA 2019 Congress, the country to host the 2025 ICA congress will be decided.



4. ICA Early Career Award 2019

The ICA Early Career Award is presented at the Triennial ICA Congress to an individual who is relatively early in his/her professional career (about 10-15 years of active career), who has contributed substantially, through published papers, to the advancement of theoretical or applied acoustics or both and who has been active in the affairs of Acoustics through his/her National Society, other National Society(ies), Regional or International organizations. The ICA Early Career Award consists of an Award Certificate, Medal, and an Honorarium, which is determined by the Board.

The ICA Early Career Award in 2019 is decided to be conferred to Prof. Jeremie Voix from the École de Technologie Supérieure (ÉTS), Montreal in Canada.

There was 9 acousticians nominated by their national societies from all over the world, and all of them were very competitive. Prof. Voix contributed substantially in the area of hearing protection with innovative measurement, algorithms, and devices. Also, he has made an excellent contribution to the national and international society activities, the education to foster young acousticians, and the practical contribution to the society.

In the ICA Congress at Aachen, he will be introduced by an individual from the Canadian National Society and given the opportunity to make remarks in acceptance of the award. He is also invited to give a Plenary Speech during the Congress.

6. Symposia Support

The ICA allocates up to 5,000 EUROS annually for sponsorship of specialty symposia in acoustics. In conjunction with the Acoustical Society of America (ASA), the ICA accepts the applications for allocation of up to 2,000 USD for specialty symposia that comply with the conditions for the special ASA support.

There were 5 applications for 2019 funding from the ICA/ASA Specialty Symposia sponsorship program. These applications were evaluated by a committee comprised of the ICA Executive and the ASA Committee on International Research & Education and the funding allocations were approved by the ICA Board. All of these applications met the criteria set by the ICA/ASA and were funded by the program.

The symposia receiving funding for 2019 are:

- 23rd Conference on Acoustic and Biomedical Engineering, **April 9-12, Zakopane, Poland**
- International Symposium on Fluid Acoustics, **May 20-22, Sopot, Poland**
- 14th School on Acousto-Optics and Applications, **June 24-27, Torun, Poland**
- Workshop on Acoustic Technology for Industry and Professionals, **August 5-6, Bandung, Indonesia**
- Acoustics 2019 High Tatras. A joint event of MAP and ATF 2019, **September 19-21, High Tatras, Slovakia**

Michael Taroudakis, President 2016-2019
Marion Burgess, Past President 2016-2019