

NEWSLETTER JANUARY 2019

The purpose of the ICA is to promote international development and collaboration in all fields of acoustics including research, development, education, and standardisation.

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Season's Greetings

The board of the International Commission for Acoustics wishes to all the Member Societies, International Affiliates, and their individual members, best wishes for a New Year full of happiness and prosperity.

May peace and solidarity between the peoples of the world start creating a new era in our lives.

Happy New Year

Message from the President

Dear Colleagues,

The International Commission for Acoustics (ICA) was established under the goal of supporting the science of acoustics in every aspect, including research, technology, education and dissemination of the relevant knowledge in the human society. Since sound is both the basic physical concept on which acoustics is based and the basic means of communication and transmission of information among people, the ICA enthusiastically followed the UNESCO Resolution No. 39 C / 49 "The Importance of Sound in the World Today: Promoting Good Practice" which was an initiative of La Semaine du Son, the well known French

association aiming also at the dissemination of the importance of sound amongst citizens and in collaboration with them decided to organize a series of events open to a broad audience distributed over a whole year, in order to raise the people awareness of the importance of sound in our life and culture. Thus, we have decided to establish the International Year of Sound for 2020 (IYS 2020). You can read more about the IYS 2020 in this Newsletter and we hope that with your help 2020 will fill the world with messages about the importance of sound in our lives.

As you have already been informed another important issue for the ICA has been its official registration. We have completed all the preparatory actions which were necessary in order that ICA is registered under the Spanish law. More details about this issue can be found elsewhere in this newsletter.

ICA has energetic participation in most of the meetings of the Councils and Unions associated with ICA. Past President Marion Burgess represented ICA in the 1st C&CC IUPAP meeting in Singapore, May 2018, President Michael Taroudakis represented ICA in the International Science Council Founding General Assembly held in Paris, July 2018 and the board Member Dorte Hammershøi represented ICA in the 2nd C&CC IUPAP meeting in Vilnius, November 2018.

Finally, among the objectives of the ICA is the support of International Scientific Symposia and Conferences as it is our belief that they are the best available means for the dissemination of knowledge among scientists giving at the same time the opportunity for live

discussions about their common fields of interest. The International Congress on Acoustics is the main event organized on behalf of the ICA and this year it will be held in Aachen (Germany). The preparations for this Conference are well under-way. You can read the news about the Conference in this newsletter.

In addition, ICA financially supports specialized symposia following a proper evaluation procedure on the basis of the official requests for support submitted to the ICA Secretariat. The results of the evaluation for the supported symposia to be held in 2019 can be found in the Symposium sponsorship section of this newsletter. We also wish to remind the Organisers of a meeting or event on acoustics (e.g., a conference or workshop) can apply for endorsement by the ICA at any time. This endorsement will help distinguish legitimate conferences from bogus conferences being advertised online. Those meetings endorsed by the ICA are identified in the ICA calendar of events.

We hope that you find the content of this newsletter of interest and we encourage you to use relevant parts of the newsletter in the communication with your own members. The newsletter will be available at the ICA website www.icacommission.org under the 'Letter from the President' tab.

With my best wishes,

Michael Taroudakis
ICA President



Board Meetings

The ICA Board meets once per year to discuss all ICA administrative issues

2018 Board meeting

The ICA Board met on May 31 during the Euronoise 2018 conference held in Heraklion, Crete, Greece. The detailed minutes may be found at icacommission.org/minute18.pdf.

The request of the Acoustical Society of Nigeria to have their status converted to Observer was approved. **The ICA is now**

composed of 46 Member Societies, 8 International Affiliate Members, and 6 Observer Members.

Reports on the 2017-2018 balance sheet and savings accounts were presented by Treasurer Antonio Perez-Lopez; the balance sheet for the International Year of Sound, separate from the ICA balance sheet, was also presented. There was general acceptance, but formal approval by the Board had to wait until after June 2018 (end of the ICA fiscal year) for review by the ICA Controller. The Board agreed that Jorge Patricio should continue as Controller for another year.

The procedures necessary to have the ICA formally registered under Spanish law were discussed. The Board approved revisions to the Statutes in accordance with the requirements of the Spanish administration. Final approval by the ICA General Assembly will be needed at their meeting in Aachen during ICA 2019. More details on the registration process are presented elsewhere in this newsletter.

Preparations for the ICA 2019 congress in Aachen are going well and will be discussed elsewhere in this newsletter. Jeong-Guon Ih (General Chair) and Chan Hoon Haan (Technical Chair) reported on the ICA 2022 congress in Gyeongju, Korea. The congress venue will be the Hwabaek Convention Center (HICO). The nearby Hilton Hotel will be the main accommodation hotel. For ICA 2025, expressions of interest from the Acoustical Society of America and the Acoustical Society of Egypt were reviewed. Both will be invited to prepare formal proposals and present these at the Board meeting in Aachen where a final decision on the host of ICA 2025 will be made.

Progress towards an International Year of Sound in 2020 was discussed. The new strategy is based on a collaborative effort with Christian Hugonnet, the originator of La Semaine du Son (Week of Sound). Details can be found elsewhere in this newsletter.

The Board discussed the need for and importance of a harassment and discrimination policy for the ICA. A draft policy will be circulated to the Board then submitted to the General Assembly for ratification.

Mike Stinson
ICA Secretary General



ICA Early Career Award 2019



Jérémie Voix

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 to be conferred to **Prof. Jeremie Voix** at 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 a representative from the Canadian National Society and given the opportunity to make remarks in acceptance of the award. He will be invited to give a Plenary Speech during the Congress.

Jeong-Guon Ih
ICA Vice President



International Year of Sound



Following the 2018 ICA Board Meeting in Crete, it was agreed to pursue the IYS 2020 as an outcome of the UNESCO Resolution No. 39 C / 49 "*The Importance of Sound in the World Today: Promoting Good Practice*" which was an initiative of La Semaine du Son, adopted by all UNESCO countries. Further approaches were made to UNESCO to obtain the direct endorsement of the IYS 2020 and while that was not refused, neither was it received. So later in 2018 it was agreed to proceed with the organization of the IYS 2020 in collaboration with La Semaine du Son.

The Steering Committee has been working on a Memorandum of Understanding with the organisers of La Semaine du Son and it is anticipated that this agreement will be finalised during La Semaine du Son in the last week of January 2019. More information will be provided in a separate newsletter, but the essence of this arrangement will be that there will be three types of events:

- Centrally organized broad area events/outcomes funded by ICA and sponsors
- Those organized and funded in the normal manner for La Semaine du Son with some ICA member organisation participation
- Those organized and funded by ICA Member societies and organisations.

The events will be focussed on outreach and education to highlight all the aspects of acoustics. The ICA will maintain a dedicated website to promote and report on all the activities.



Marion Burgess and Michael Taroudakis
Co-convenors IYS 2020

ICA 2019 Aachen

9 – 13 September 2019

<http://www.ica2019.org>

Invitation

The German Acoustical Society, DEGA, cordially invites you to join the 23rd International Congress on Acoustics, ICA 2019, which will take place in from 9th to 13th of September 2019 in Aachen. ICA 2019 integrates the 4th EAA Euroregio. It comprises internationally high-ranked oral and poster sessions, five plenary lectures, a social program, and several satellite events.

Special events of the EAA Young Acousticians Network, YAN, are related to career building in academia and industry, to “5 minute thesis slam”, and more.

Accompanying Persons

The special tour package for accompanying persons consists of different sightseeing activities. Additionally, we welcome all accompanying persons to the opening and closing ceremony and the associated receptions. Please find here further information in 2019:

<http://www.ica2019.org/program/accompanying-persons/>

Social eventsOpening ceremony

In the opening ceremony, the ICA Early Career award will be presented to Jérémie Voix from École de technologie supérieure, Montreal. The ceremony will be enriched by a special music act by the Argentinian singer Lily Dahab and band, who will also play at the opening of the exhibition.

Organ concert in the cathedral

The cathedral in Aachen is the most prominent part of the city's history. It became UNESCO world heritage in 1978. The chief organist, Michael Hoppe, will play a special concert for the congress participants.

Social evening in the „Ludwig Forum“

A house for contemporary art, LuFo, presents visual as well as acoustic art. The social evening is for all participants and accompanying persons without further costs, including dinner and two drinks. The social event includes a Jam Session with Jazz, Blues, Rock and other music styles. It will be open for participants from all over the world who like to join the Jam Session, which is explicitly open for all kind of music genres.

EAA Summer School

The EAA Summer School for Young Acousticians will take place in Leuven, Belgium from September 6th to 8th, 2019.

There will be five courses. Every course takes place from Friday through Sunday at the University of Leuven.

- Approaching Acoustics (suitable for undergraduate and first-year graduate students / No additional ICA registration necessary / Accommodation is specially provided, details will follow)
- Hot Topic 1 - Computational modeling in physiological and psychological acoustics (Armin Kohlrausch)
- Hot Topic 2 - Smart city sound (Dick Botteldooren)
- Hot Topic 3 - Acoustic metamaterials and sonic crystals (Jean-Phillippe Grobby)
- Hot Topic 4 - Acoustic imaging (laser, beam forming, time reversal, photoacoustics) (Christ Glorieux).

Registration and more information:

<http://www.ica2019.org/eaasummer-school>

Satellites to ICA

EAA Spatial Audio Signal Processing Symposium in Paris (6th to 7th September)

<https://sasp2019.ircam.fr>

ISRA 2019 – “International Symposium on Room Acoustics” in Amsterdam (15th to 17th September)

<http://www.isra2019.eu>

ISMA 2019 – “International Symposium on Musical Acoustics” in Detmold (13th to 17th September)

<http://www.isma2019.de>

Other information

Useful information about your stay in Aachen and about the congress please find here:

<http://www.ica2019.org/about-aachen>

<https://www.aachen-tourismus.de>

<http://www.ica2019.org/registration>

<http://www.ica2019.org/exhibition-sponsorship>

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Welcome to Aachen!
Michael Vorländer
ICA2019 Congress chair

ICA 2022 Korea

The 24th ICA congress will be held in Gyeongju, Korea in October 2022. Acoustical Society of Korea (ASK, <http://en.ask.or.kr>) has prepared to provide an opportunity for attendees from around the world to exchange research results, technical knowhow and ideas about the future acoustics. The organizing committee is now structured in detail, and the preparation meetings has been held regularly. Prof. JG Ih at KAIST is the President, Profs. CH Haan at Chungbuk Univ. and HS Ko at Korea Univ. the Vice Presidents, and Prof. SH Shin at Kookmin Univ. the Secretary General.

Gyeongju city is located in the southeastern part of the Korean Peninsula and it had been the ancient capital of a Kingdom called Silla for almost a thousand years (BC 57-AD 935). The entire city was designated a National Park by the government in honor of the historic temples, ruins, monuments, and artifacts that can be found throughout the area. Most prominently, it is home to three UNESCO World Heritage Sites: Seokguram Grotto and Bulguksa Temple, Gyeongju Historic Areas, and the historic village of Yangdong (http://www.gyeongju.go.kr/open_content/eng/index.do). There is an acoustic highlight: The Bell of King Seongdeok, which was built during 742-771, and is now at Gyeongju National Museum. It measures 3.8 m in height, 2.3 m in diameter, and 11-25 cm in wall thickness, and 19 ton in weight. It is famous in its size, loudness, ringing length, and beautiful relief on the surface. Participants can enjoy the fantastic and oriental scenery as walking paths throughout the legendary city as well as technical program which is well organized. Wherever peoples go, the warm and friendly

Gyeongju citizens will make them feel welcomed and comfortable.

In association with ICA2022, two satellite symposia will be held: the International Symposium on Room Acoustics (ISRA) and the International Symposium on Music Acoustics (ISMA) will be held in Songdo and Seoul, respectively.



Night View of Gyeongju Historic Area



Conference venue, HICO

Jeong-Guon Ih
ICA Vice President



Registration of the ICA

It has already been known through our newsletters that the Board of the International Commission for Acoustics has decided in its meeting in Boston (June 2017) to register the Commission under the Spanish Law. The official registration of the ICA has become necessary following the new requirements for all the International Scientific Societies which have to declare a formal address for their office and obtain regular tax status. The Spanish Acoustical Society has offered to host the office of the ICA in Madrid and thanks to Antonio Perez Lopez, treasurer of the ICA and President of the Spanish Acoustical Society ICA has already obtained all the necessary permissions.

In order to be registered under the Spanish Law there was a need to adapt some formal articles of the existing Statutes to the Spanish

Legislation without of course changing the objectives and structure of the ICA. The new version of the ICA Statutes has been approved in the ICA Board meeting held in Crete (May 2018). We are also preparing the new Internal Regulations of the Commission to be discussed during the ICA General Assembly to be held in Aachen during the ICA 2019 Congress.

Soon we will present to the Spanish Register all the necessary documents for the official registration of the ICA.

Michael Taroudakis
ICA President



Antonio Perez-Lopez
ICA Treasurer

Symposium sponsorship

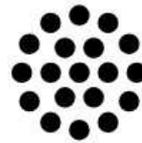
The ICA allocates up to 5,000 EUROS annually for sponsorship of specialty symposia in acoustics. In conjunction with the Acoustical Society of America (ASA), the ICA accepts the applications for allocation of up to 2,000 USD for specialty symposia that comply with the conditions for the special ASA support.

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 approved by the ICA Board.

The symposia receiving funding 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

Mike Stinson
ICA Secretary General



**International
Science Council**

News from the ISC General Assembly

The first General Assembly of the International Science Council (ISC) formed after the merger of the International Social Science Council (ISSC) and International Council for Science (ICSU) was held in Paris from 3-5 July 2018 in the Oceanographic Institute of France (Maison des Océans). ICA has been automatically transferred as an affiliated member of the ISC as we had a similar status in ICSU. Michael Taroudakis, ICA President represented ICA in the General Assembly. Daya Reddy (South Africa) was elected as First President of the new ISC. The other officers of the Board are: Elisa Reis (Vice President), Jinghai Li (Vice President), Alik Ismail-Zadeh (Secretary) and Renée van Kessel (Treasurer).

Much discussion was carried out about the importance of communication between social sciences and basic sciences and about the role of science in the international political scene. It was repeated that the merge of the ICSU with the ISSC has become necessary in order that the role of the united sciences becomes more prominent in policy makers. Thus, among the major goals of the ISC will be the support of science engagement in policy and the building of public trust in science. Of particular interest for the ISC is the support of the fundamental science and it was mentioned with enthusiasm that 2022 has already been approved by UNESCO as the International year of Basic Sciences. A resolution supporting this decision has been approved.

Michael Taroudakis
ICA President



**International Noise Awareness
Day 2019 (INAD 2019)**
April 24, 2019

World Hearing Day (WHO)
March 3, 2019



News from IUPAP

The IUPAP held two Council and Commission Chairs meetings in 2018. The first meeting held in Singapore on 3-4 May 2018 and attended by Marion Burgess. Following the General Assembly in the previous year, the group of Commission Chairs are all new to the IUPAP duties and the primary purpose of this meeting is for the new group of Commission Chairs to meet and discuss both their own commissions and the planning for IUPAP. The discussions included the planning for revised Statutes and By laws and preparation for the IUPAP Centenary events in 2022 and the ICA has offered to contribute to these celebrations. One plan by the IUPAP for 2022 is for an International Year of Basic Sciences for Development.

The IUPAP has a gender champion and strongly supports the promotion of females in Physics and participation at meetings. The IUPAP has also proposed a strategy for dealing with any cases of harassment at meetings.

The IUPAP has created a working group on Physics and Industry and the ICA has offered to contribute. Many of the ICA member societies and organisations comprise those working in applied areas and in industry.

The second meeting was held in Vilnius, Lithuania 1-2 November. Dorte Hammershøi attended on behalf of the ICA. As well as providing an update on the IUPAP activities, an important part of this meeting was devoted to the allocation of funding support for meetings in 2019. We are grateful for the support provided for our ICA 2019 in Aachen. This additional funding will allow for travel assistance to participants from developing countries and those with emerging acoustical societies.

Marion Burgess
ICA Past President



ICA Membership

The following list comprises the national acoustical societies which are full members of the ICA.

| Country | Country |
|----------------|----------------|
| Argentina | Japan |
| Australia | Korea (South) |
| Austria | Lithuania |
| Belgium | Mexico |
| Brazil | Netherlands |
| Canada | New Zealand |
| Chile | Norway |
| China | Peru |
| Croatia | Poland |
| Czech Republic | Portugal |
| Denmark | Russia |
| Egypt | Serbia |
| Finland | Singapore |
| France | Slovakia |
| Germany | Slovenia |
| Greece | Spain |
| Hong Kong | Sweden |
| Hungary | Switzerland |
| Iceland | Taiwan |
| India | Turkey |
| Iran | USA (ASA) |
| Israel | USA (INCE) |
| Italy | United Kingdom |

If you know of any grouping that you think should be included, please let us know the contact details and we will follow up.

In addition, the following are the International Affiliates to ICA:

- European Acoustics Association (EAA)
- IberoAmerican Federation of Acoustics (FIA)
- International Institute of Noise Control Engineering (I-INCE).
- International Institute of Acoustics and Vibration (IIAV)
- Western Pacific Acoustics Commission (WESPAC)
- International Congress on Ultrasonics (ICU)
- International Commission on Biological Effects of Noise (ICBEN) .
- Audio Engineering Society (AES)

The next ICA Board meeting and the ICA General Assembly will be held in Aachen (Germany) during the International Congress on Acoustics (ICA 2019) to be held there. The exact dates will be announced very soon.