

The UK Acoustics Network Newsletter November 2019

Dear Members

The Network membership does not stop growing (783 members today, 35 new members since our October newsletter). We are on track to pass the 800-member barrier in January 2020.

November events

A key event in November was the UKAN 2nd Anniversary Workshop which was held in London Guild Hall on the 1st of November. It was attended by 90 participants. We used electronic badges which recorded 873 unique connections made on the day. This event was a success. The morning was for presentations. In his keynote, Marc Holderied (Bristol University) presented an excellent talk on Acoustic Defence in Deaf Moths (see photo below). Copies of the morning presentations from all the speakers can be found through the [link here](#).



Photos from this event can be found [here](#).

The afternoon at the Workshop on the 1st of November was for roundtable discussions which focused on the future of UKAN (UKAN Plus) and on the role of UKAN in the International Year of Sound 2020. The outcome of these discussions is captured in two documents: (i) [summary of Ideas on UKAN Future and Leverage Funding](#); and (ii) [UKAN delegates ideas on IYS2020](#). We encourage our members to read these documents and comment.

Dr Andrew Lawrence and Ms Zoe Brown of the EPSRC were also in attendance.

Upcoming events

The year 2020 is a very busy year for acoustics. There will be a number of workshops and conferences supported by the UKAN. These events are listed [here](#). Most important events with close deadlines for paper submission and registration are: (i) [Forum Acusticum in Lyon](#) (France), 20-24 April; and (ii) [IoA Acoustics 2020 in Chester](#) (UK), 14-15 May. Forum Acusticum (FA) will address all topics of Acoustics, from physical acoustics to sound perception. Industrial applications of acoustics are also targeted. Scientific and technical sessions at FA will be announced at the beginning of 2020. The IoA Acoustics 2020 is an opportunity to present your work to members of the UK's Institute of Acoustics. UKAN Early Careers Group in conjunction with the IoA Young Members Group are running a joint session at the IoA Acoustics 2020 Conference. The

session follows on from the UKAN 2019 event on building effective collaborations between industry and academia. It will cover the following topics: (i) collaboration between academia and R&D industry; (ii) collaboration between academia and consultancy industry; (iii) career routes from academia into consultancy and industry. We very much encourage early career researchers to attend this session. More information is to follow. We are also looking for speakers from both academia and industry to give an invited talk on one of the above topics. If you have experience in these areas and would like to contribute, please contact Sam at earlycareersgroup@acoustics.ac.uk. Your contributions would be very welcome. Funding is available to support attendance at these events and other related events. We also encourage our members to come forward with proposals for other networking, training and grant writing events for 2020. Cross-SIG events leading to collaborative grant bids are encouraged.

International Year of Sound 2020

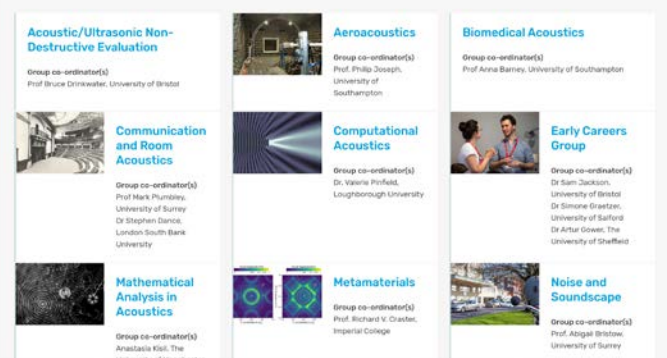
UKAN is planning a range of events related to the International Year of Sound 2020. These events will include, but not be limited to, presentations and demonstrations at key national and international conferences, in Manchester Science Museum, Chester Zoo, Royal Society and Winchester Science Centre. We will have a much bigger presence at New Scientist Live in 2020 (NSL2020) and are delighted to have negotiated that 'sound' will be a key theme for NSL2020. We are encouraging our members to present their work at NSL2020 and to contribute to their 'After Dark evening lectures series during 2020'. These events will help us to increase understanding and appreciation of acoustics to a massive and diverse audience. If you

wish to be party to a discussion on who, what, how to present and to demonstrate please let us know by writing to info@acoustics.ac.uk. Do encourage your colleagues to take part in these events.

As a part of this process we would like to have 'one key message line' and a global 'marketing platform'. Advertising any relevant events in the UK on [IYS2020 events page](#) can achieve better global recognition and awareness of the quality and breadth of acoustics in the UK. We are encouraging all our members to badge events as IYS2020 and put them on UKAN and IYS2020 Event's websites.

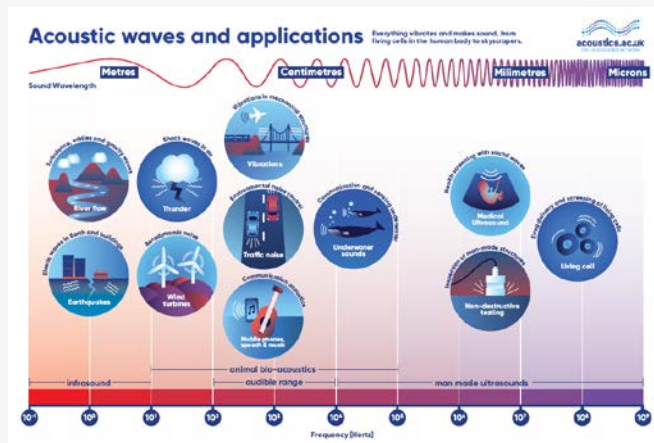
Updated website

We have made some updates to the website. These updates mainly concern the [Resource page](#) which is now searchable and easier to organise in terms of the type of resources. We have also made some changes to the [SIG page](#) of our website (see below). Do check out the new SIG page and adjust your preferences in your profile to ensure you receive relevant information for all your areas of interest.



UKAN banner

Finally, we would like to ask you to help us update the Acoustics Waves and Applications banner (see below) which we originally created for the New Scientist Live 2019 festival.



There are spaces on this banner which we can populate, particularly in ultrasonic range. One opportunity is to include more applications or areas of acoustics which can be perceived as interesting and exciting as a career prospect. Another opportunity is to make this banner interactive so that we can display it on a large TV with a touch sensitive screen to let users press on the bubbles to explore more about acoustic applications. You can access electronic copy of the current version of this banner through this link to see it in the full view. Please comment to help us increase its impact on public’s understanding of the importance and diversity of acoustics during IYS2020 and beyond.

Partnership with Dixon’s Academy

The UK Acoustics Network has entered into partnership with Dixons Kings Academy of Bradford (see photo below) to enhance our outreach activities and to involve school students in acoustics

at an earliest stage possible. This partnership has become possible via the Ingleborough Soundscape Project set up by Rob Pheasant. Katie Jennings and Carolyn Shaw are science teachers at the Academy. They are introducing acoustics into the ecology and physics strands of the science curriculum.



UKAN has supported this initiative by funding a small amount of outdoor ecological monitoring equipment, and the Ingleborough Soundscape Project will be supporting a field trip to the Ingleborough National Nature Reserve next Summer. Students will be introduced to MammalWeb, during the ecological component of the module and will be uploading their own images of urban wildlife as part of the School's Project to develop and monitor an ecosystem within the school grounds over the next couple of months.

Yours sincerely,

Kirill Horoshenkov and Richard Craster

Email: info@acoustics.ac.uk