

The UK Acoustics Network Newsletter April 2021

Dear UKAN Members

Welcome to UKAN+!

“Alone, we can do so little; together, we can do so much” – Helen Keller

The UK Acoustic Network (UKAN) was remarkably successful in bringing the acoustic research community together, supporting 26 successful research grant applications and an extensive programme of virtual webinars and workshops among a great many other things.

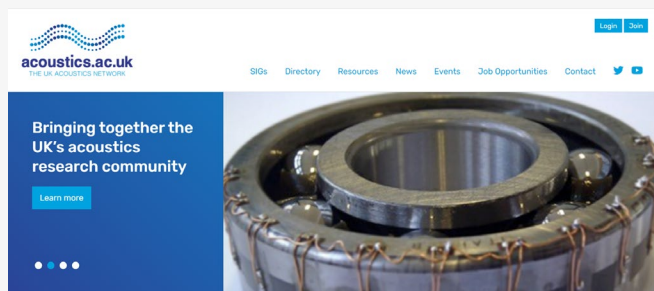
UKAN+ will build on the strengths of UKAN, taking this community to the next stage and use the success as a solid foundation for transformative and collaborative research in acoustics in the UK.

Communication strategy

Our community currently boasts 1246 individuals as at 28th April 2021, communicating through our website, monthly newsletter, and our webinars. A review of our UKAN+ communication plan is underway and we are keen to hear from you about what works for you and any improvements you would like to see in the operation of UKAN+.

Website

Our website was designed and has been the reference point since UKAN commenced in 2017, serving us well, but it's time for a refresh.



Zoë Hunter, our UKAN+ Network Manager, is working with the website team to not only refresh the site but build in new functionality including changes for our future calls for funding. If you wish to see any specific changes or improvements, please do get in touch. Our hope is to have this in place for the end of July.



Webinars

COVID-19 forced us all to recognise the benefits of working online. UKAN adapted with an extensive programme of virtual webinars and workshops. The webinars are a major benefit to maintaining lines of communication with our online community and can also lead to increased engagement. Appreciating this importance, UKAN+ has acquired a Zoom licence including webinar functionality. Webinars on Zoom allow interaction via Q&A and for polls to be run. What we are looking for is for both established and new members to take the opportunity to present their work. We have opportunities in May and are keen to hear from you. The use of the webinar functionality is available to all UKAN+ members, so why not leverage some of these features and run an engaging informal

poll in your webinar to find out what others think about important topics?

Our library of previous talks are currently stored on a google folder with a [link](#) provided on our website. We are looking at improving the accessibility of these and may upload to our [YouTube](#) channel. If you have any suggestions for the development of this or are interested in supporting this activity, please drop a line to [Zoë Hunter, UKAN+ Network Manager](#).

Newsletters

The UKAN Newsletter has kept you up to date with all UKAN news, UKAN+ will continue but will look to move to an email newsletter soon. This will be linked to our website refresh. What remains the same is our wish to share news from across the network. Perhaps you have a blog; had a paper published; upcoming new developments? Has someone new joined the membership who you think warrants a special article?

We are interest to hear if you enjoy receiving the newsletter monthly. Would you be happy to have a quarterly update?

Social media

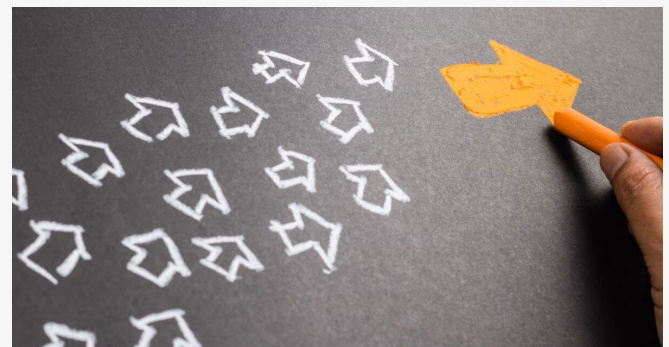
Social media can be a powerful tool in an academic's battle for attention. An active and focused channel attracts a wide spectrum of users, allowing sharing of information and direction to other platforms with more detailed information. But for success they need to be maintained, and for that we need your involvement. Please do engage with [@acoustics_ac_uk](#). This could be a retweet, a quote or thought-provoking insight from industry experts, commenting on a post, or promoting your own work will drive research dissemination.

Do bear in mind across all our communication engagement an image speaks a thousand words!

Please contact Zoë with any news, feedback or how you can support this great community at z.hunter@acoustics.ac.uk or info@acoustics.ac.uk.

Collaborative Research

UKAN+ continues to be led by our Director, [Kirill Horoshenkov](#), and Deputy Director, [Richard Craster](#). They are supported by the leadership team, SIG leads and Research Committees. The initial objective of the team is the development of the new roadmap for acoustics research in the UK, taking into account the departure from the [Industrial Strategy brand](#). The agreed roadmap is being developed and it will be shared widely in June.



Following on from the agreed roadmap we will be pulling together processes to facilitate the cross-disciplinary research projects between industry, government, third-sector organisations and academia. The first call will go live early autumn. More on this in following issues.

Events

Our acoustic.ac.uk website is a great source to finding out what's going on across the network. Next week is the Introduction to Aircraft noise by Antonino Fillippone, please [sign up](#) for what we are sure will be a fascinating talk.



MATLAB and Simulink are inviting UKAN+ members to their online sessions looking at the future of teaching, featuring educational specialists presenting classroom ready resources that can be immediately deployed in your course. Full details on the [MATHWORKS](#) website.

In July an EAA/UKAN Computational Acoustics Summer School will take place.



Offering graduate-level training in the fundamental and applied aspects of computational acoustics. Full details on the [UKAN+](#) website.

New grants related to acoustics

Grant writing can be challenging work and with [funding rates ca. 29%](#) as a community it's great to hear of good news stories. We want to promote your success as widely as possible and so please do get in touch if you have been awarded a grant.

We would like to congratulate [Jen Muggleton](#) from University of Southampton and colleagues on securing £702,768 for [Raindrop](#), a grant aiming to develop a suite of three innovative acoustic sensing technologies for detecting water leaks in trunk and distribution mains that is able to provide significantly improved detection relative to current capabilities and enable the step change necessary to meet the challenges facing the water industry.

Early Career SIG coordinators and Grand Challenge Champions

We are pleased to announce the newly appointed SIG/GC Early Career leads (see table).

SIGS	Early Career SIG Coordinator
Acoustic or Ultrasonic NDE	Jonathan (Jonny) Singh
Animal Bio-acoustics	Helen Whitehead and Oliver Metcalf
Acoustic Metamaterials	TBC
Acoustic Sensors	Jevgenija (Jenny) Prisutova
Aero-acoustics	TBC
Biomedical Acoustics	TBC
Computational Acoustics	Amelia Gully and Andrew Gibbs
Hearing	Robert MacKinnon
Noise and Soundscape	Francesco Aletta
Physical Acoustics	TBC
Underwater Acoustics	Rosalyn Putland, Ben Ford, Ben Thomas, Nikhil Banda
Vibro-acoustics	Han Meng
Communication and room acoustics	John Zeman and Amal Emthiyas
Mathematical analysis in acoustics	Georg Maierhofer

Grand challenges	Early Career Grand Challenge Champion
AI and Data	Lin Wang
Clean Growth	Nikhil Banda
Future of Mobility	Antonio Torija Martinez
Healthy Ageing	Tobias Goehring

We hope to fill and announce any gaps in our next newsletter.

We would like to thank Simone Graetzer for leading this activity and all those members who volunteered.

Stay well and keep in touch,
UKAN+ Team