

Call for Contributions
Interactive Audio Systems Symposium
University of York
York, UK
Friday 23rd September 2016

Recent advances in low-cost motion-tracking and sensing technologies, coupled with increased computing power have paved the way for new methods of audio production and reproduction. Interactive audio systems can now readily utilise non-tactile data such as listener location, orientation, gestural control and even biometric feedback, such as heart rate, to intelligently adjust sound output. Such systems offer new creative possibilities for a diverse range of applications ranging from virtual reality, mobile technologies, in-car audio, gaming, social media and film and TV production.

The University of York is pleased to announce a one-day symposium dedicated to this topic of interactive audio systems. The symposium will explore the perceptual, signal processing and creative challenges and opportunities arising from such audio systems affected through enhanced human-computer interaction.

The symposium will consist of original presentation and poster sessions as well as invited talks and tutorials from key industry figures and demonstrations of emerging interactive audio technologies. At this time we welcome submissions relevant to the field of interactive audio, including, but not limited to the following areas:

Moving sounds and moving listeners
Audio for Virtual Reality
Spatial audio techniques
Psychoacoustics and perception
Signal processing for interactive audio
Robust listener control

Motion tracking
Game audio
Real-time audio synthesis
Interactive music generation
Workflows for interactive audio
Sound design for interactive audio

Papers and poster proposals

We welcome Abstract (<1500 characters) and Précis (1-2 pages typically) for academic papers by **July 10th, 2016**. Submissions should be made through the symposium EasyChair website: <https://easychair.org/conferences/?conf=iass2016>

Accepted papers will be notified by Wednesday July 20th 2016. Camera-ready paper submissions following any guidance from the program committee's review must be submitted to the EasyChair site by **Friday 26th August, 2016**. Papers are to be 4 to 8 pages in length. Authors can choose whether they wish their paper to be a poster or oral presentation at the symposium, but both are given equal status in the proceedings. **Please indicate on your abstract your preference for poster or presentation.** The conference committee will have final decision. The proceedings will be made available to attendees at the symposium as well as published online after the symposium.

LaTeX and Word templates for the final paper submission are available at:
<http://www.sadie-project.co.uk/IASS2016.html>

If you have any enquiries please contact: iass-papers-chair@sadie-project.co.uk

Tutorials, workshops and demo proposals

We also welcome proposals for technological demonstrations, tutorials and workshops for the symposium. These events provide an opportunity to showcase new technologies or discuss practical implementations and workflows in more depth than in standard paper presentations. If you wish to organise a workshop, demo or tutorial at the symposium, submissions should be made directly to iass-workshops-chair@sadie-project.co.uk by July 31st.

Registration: Registration is free, but at least one author should register for the symposium or your contributions will not be included in the symposium proceedings. Full registration details can be found on the main symposium page: <http://www.sadie-project.co.uk/IASS2016.html>

Important Dates:

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| July 1 st 2016: | July 10 th 2016: | Paper/Poster Abstract Submission deadline |
| July 20 th 2016: | | Notification of acceptance |
| July 31 st 2016: | | Workshop/Demos submission deadline |
| September 5 th 2016: | | Camera-ready paper submission |
| September 23 rd 2016: | | Symposium |

Organising Committee:

Symposium Chair: Gavin Kearney
Email: iass-chair@sadie-project.co.uk

Papers Chairs: Gavin Kearney and Hyunkook Lee
Email: iass-papers-chair@sadie-project.co.uk

Workshops Chairs: Sam Hughes and Mariana Lopez
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Program Committee:

Jude Brereton, University of York
Helena Daffern, University of York
Marcin Gorzel, Google Inc.
Sam Hughes, University of York
Gavin Kearney, University of York
Hyunkook Lee, University of Huddersfield
Mariana Lopez, Anglia Ruskin University
Damian Murphy, University of York
Chris Pike, BBC R&D