SOUNDS IN SPACE

A Research Symposium – July 2nd, 2012
University of Derby
Markeaton Street Campus
http://www.derby.ac.uk/markeaton

Exploring visual and sound arts practice, the symposium will present a number of original spatial sound works and present details regarding the technical, practical and aesthetic aspects of spatial works.

The event is FREE, and light refreshment and lunch is provided. To register for a place (numbers are limited) please email Jessamie Self at
j.m.self@derby.ac.uk

UNIVERSITY
of DERBY ®

Sounds in Space

The University of Derby is pleased to announce a set of parallel symposium events organised by the Creative Technologies Research Group (CTRG) and Electrical, Electronic and Software Systems Research Group (E^2S^2).

Sounds In Space, hosted by CTRG, will involve a full programme of research presentations and practical demonstrations relating to spatial sound providing a rich opportunity for exploration of academic, technical and creative practice research in the aesthetics, procedure, technology, perception, and pedagogy of technology-based spatial sound and music.

Call for CTRG 'Sounds In Space' symposium submissions:

Submissions are welcomed for contributions to the Sound in Space Symposium from academic researchers, creative practitioners, and students registered to a UK university programme of study in sound, music or visual media arts or technology.

Submissions are welcomed in the following areas:

- Creativity with technology in education and sound and music
- Multichannel sound and music development and realisation
- Ambisonic and multichannel sound diffusion systems technology
- Hardware and software systems for sound and music spatialisation
- Aesthetics and perception of 3-D sound and music
- Theatricality of sound and sound in theatre
- Acousmatic music and multimedia installation work
- Music and space in performance or production
- Sound, music, hybridity and interdisciplinarity

- Spatialisation, visualisation and communication
- Analysis and/or demonstration of original work
- Critical evaluation of established work

Submissions are welcomed for exhibition, presentation or demonstration at the symposium event in the following forms:

- Print conference poster (A2 - printed on behalf of contributor, submitted by high resolution PDF)
- Rich media poster (Microsoft Powerpoint, Apple Keynote, Flash animation, Quicktime movie)
- Surround sound work (technical specifications specified below) up to 10 minutes in duration for demonstration or 20 minutes for installation
- 20 minute lecture presentation or technical demonstration (individual or team)
- 40 minute lecture presentation or technical demonstration (individual or team)
- Research paper (up to 8000 words - for subsequent e-publication via research centre website and potential inclusion in journal publication)

Audio Arrays Available:

24 Speaker, 3D KRK Surround Sound Laboratory (used for smaller groups and rolling demos)

8 Speaker octagon in presentation auditoria

Larger 3D Array details of which will be finalised depending on requirements of submissions

Deadline: All submissions should be made via email to Dr Bruce Wiggins at b.j.wiggins@derby.ac.uk by 5pm on Monday 28th May 2012. Abstracts should be around 150 words in length and submitted as a standard Word document. Please also provide a 100 word personal summary (to be used for publicity purposes) for all contributing personnel.

The final schedule including detailed technical specifications will be published soon after.

The Electrical, Electronic and Software Systems Research Group

This Research Group brings together members who offer expertise within the broad fields of electrical, electronic and software systems. Research Group members contribute their own specialist expertise, while recognising the overall integrated nature of the field. The group works in the areas listed, and in each is ready to offer applied research, industrial collaboration, or short courses.

- Audio Electronic and Software Systems
- Electrical Energy, Efficiency and Sustainability
- Electromagnetic Compatibility (EMC)
- Embedded Systems
- Engineering Education
- Industrial Automation
- Optics and Acoustics
- Power Electronics
- Sensor Systems
- Software Systems

DEERS

What it is

DEERS is a showcase for applied research and scholarship taking place in and around Derby and the Midlands, focussing on electrical and electronic engineering, and including acoustics and optics. It is a chance to see what is going on in the region, to trial a new idea, to network, and to bring research and development needs to the table. The showcase is hosted by the Electrical, Electronic and Software Systems Research Group of the University of Derby.

Giving a Presentation

Speakers from local industry and universities (staff and graduate students) are invited to give presentations of 10, 15 or 20 minutes, or a poster, emphasising applicable research and practical outcomes or needs. To submit a proposal, please send an abstract of around 150 words to Dr Adam Hill, a.hill@derby.ac.uk, by June 11th. The final decision will be communicated soon after. Presenters will be asked to provide PowerPoints, or presentation notes, for circulation.

Coming as a Participant

Participants are invited to register with Jessamie Self, j.m.self@derby.ac.uk, who will provide programme and location details. There is no charge for attending this event, and light lunch and refreshments will be provided.