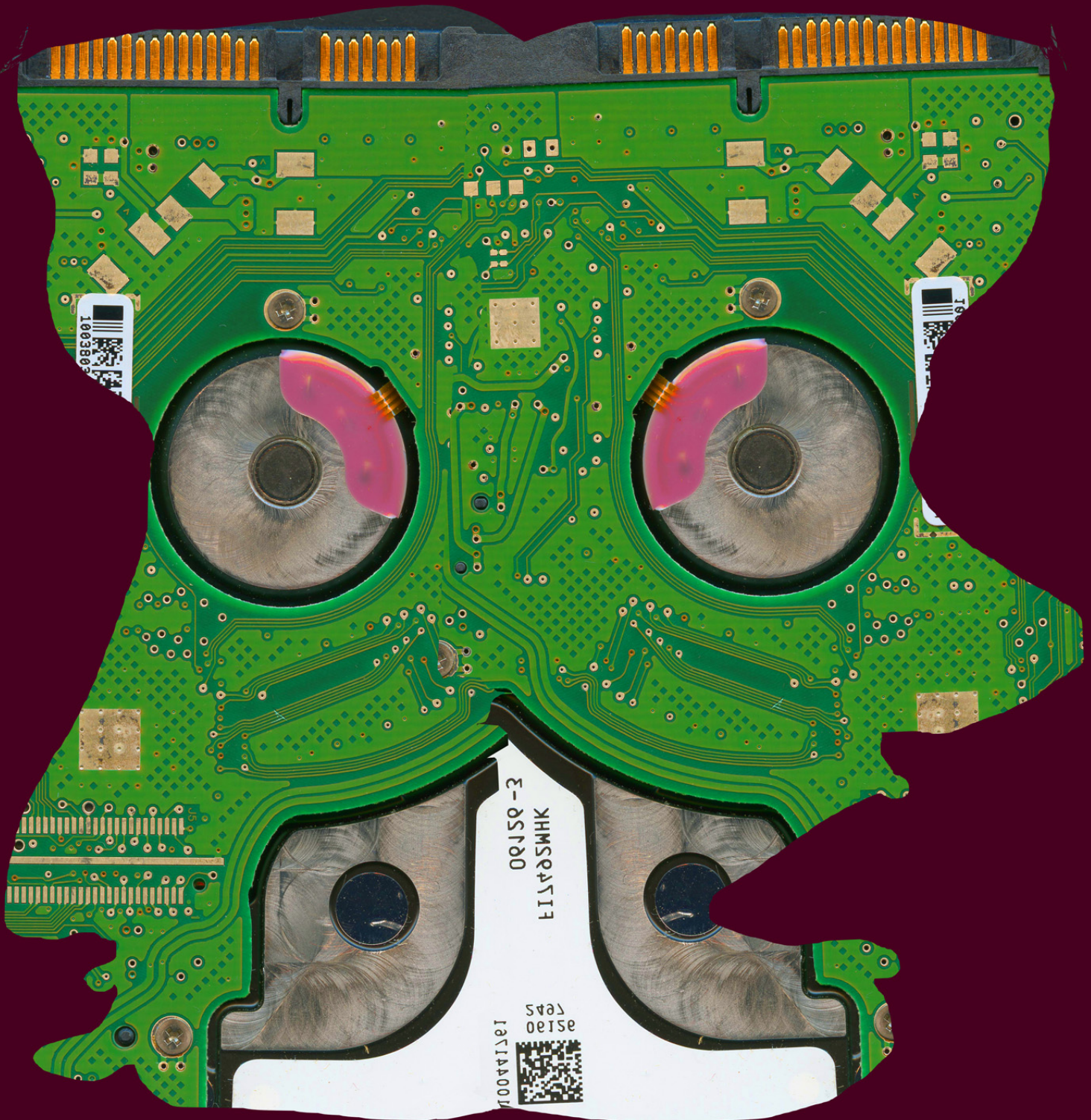


# DIGITAL HYBRIDITY + SOUNDS IN SPACE



Joint Symposium on 17th June 2011

D-MARC Digital and Material Arts Research Centre  
CTRG Creative Technologies Research Group  
Faculty of Art, Design and Technology



UNIVERSITY  
of DERBY



# Digital Hybridity + Sounds in Space

## CALL FOR PAPERS and CONTRIBUTIONS

The University of Derby is pleased to announce a joint symposium event organised by the Creative Technologies Research Group (CTRG) and Digital and Material Arts Research Centre (D:MARC). *Digital Hybridity + Sounds In Space* will involve a full programme of research presentations and practical demonstrations relating to the sound and visual arts, the combination of these events providing a rich opportunity for exploration of academic, technical and creative practice research in the aesthetics, procedure, technology, perception, and pedagogy of technology-based sound, music, and intermedia art

### CTRG

The Creative Technologies Research Group focuses on exploring the fascinating interface between artistic application and technology, created by the worlds of commercial music, live performance, multimedia, and sound arts. It draws together expertise in acoustics, signal processing for sound, music, video and multimedia technologies, aesthetics, aural perception and cognition, music composition applying digital techniques, surround sound and performance/live event technology and techniques, and education.

### Sound In Space:

Exploring visual and sound arts practice, the symposium will present a number of original spatial sound works including a multichannel "collaborative sound canvas" comprising sound events developed, captured, processed, composed, and assembled by students and staff of the Faculty of Arts, Design & Technology. Introducing leading edge research in surround sound technology, education and application, the aesthetics and implications of a shifting paradigm in sound creativity through technology will be explored in an intensive, immersive and playful way.

<http://www.derby.ac.uk/research/research-centres-and-groups/creative-technologies-research-group>

### D:MARC

Here at D-MARC the focus of our research is on an understanding of the shifting boundaries and new relationships between traditional arts disciplines, which have been created by new technologies. We explore the creative potential of hybrid forms made possible by digitalisation, and are also concerned to develop theoretical and pedagogic understandings capable of keeping pace with, and informing, technological developments.

### Digital Hybridity:

Prof John Goto, Andrew Langford, Prof Martin Rieser and Prof Norman Cherry are co-ordinating an event in June 2011, entitled 'Digital Hybridity'. The one day event, will be held on Friday 17 June 2011 at the University of Derby, and is hosted by D-MARC Digital and Material Arts Research Centre in collaboration with EMUA colleagues.

As successive software and hardware innovation facilitates crossovers between traditional arts disciplines, Hybridity is becoming a defining feature of the emerging creative digital environment. In this regional university event we wish to interrogate and explore this notion and its implications for the field of Art, Design and Communications. As boundaries dissolve between traditional practices then aesthetic, theoretical, ethical and technical questions are raised regarding their future alignment, meaning and development. The latest developments in digital technology require that we elaborate new categories of practice and criticism, which also involve rethinking our relationship to the history of traditional practices. The event will facilitate a range of presentations by arts practitioners and theoreticians to help frame the debate.

<http://www.derby.ac.uk/research/research-centres-and-groups/digital-and-material-arts-research-centre>

### 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:

KRK Surround Sound Laboratory (used for small scale demo's and breakout talks)

1 x 24 speaker array (3 rings of 8 speakers arranged in octagons)

#### Main Auditoria

At least 12 Speaker, 3D rig. Exact details to be finalised in consultation with presenters.

**Deadline:** All submissions should be made via email to Chris Wilson at [c.j.wilson@derby.ac.uk](mailto:c.j.wilson@derby.ac.uk) by 5pm on **Friday 25th March 2011**. Abstracts should be 200 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 by (Friday 1st April 2011)

#### **Call for D-MARC 'Digital Hybridity' symposium papers:**

We would like to invite proposals for presentations at our next conference, Digital Hybridity, which will be held on 17 June, 2011. If you would like to offer a paper please send an abstract (300 word max) to John Goto by 20th March 2011. We will be hosting the event in collaboration with colleagues from East Midlands Universities Association (EMUA).

#### **Booking a place**

If you would like to attend Digital Hybridity you can book your place now by emailing John Goto [jg@johngoto.org.uk](mailto:jg@johngoto.org.uk). Our keynote speaker is Stelarc <http://en.wikipedia.org/wiki/Stelarc>

If you would like to attend Sounds In Space you can book your place now by emailing Chris Wilson [c.j.wilson@derby.ac.uk](mailto:c.j.wilson@derby.ac.uk).

Please note that places are limited for both symposium events. Some opportunity for interaction will be provided.