

# David Strang

/ Artist

/ Lecturer

/ Researcher

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## David Strang

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## Profile

Highly experienced Lecturer at both Undergraduate and Postgraduate level covering classes in the following topics: Media Theory, Emerging Media, Critical Media, Digital Cultures, Critical Making, Tactical Media, Contemporary Technologies, Interactivity, Programming, Live Coding and Sound Design.

International Artist exhibited and performed across Europe, USA, Canada, Iceland, Russia and China.

International Researcher published in journals (Leonardo) and relevant conferences / exhibitions (ISEA, RIXC, Balanced / UnBalanced).

Highly experienced developer of undergraduate and postgraduate modules and programs.

Highly skilled and experienced in interactive, digital media installations and performances.

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## Advanced IT Skills

Max/MSP + Jitter, Processing, Pure Data, Supercollider, openFrameworks, Arduino, Raspberry Pi, Ableton Live, Pro Tools, Logic, Final Cut Pro, Premiere.

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## Experience

### University of Plymouth / Program Leader MRes Digital Art and Technology and Award Leader BA / BSc Digital Media Design

Aug 2017 - PRESENT, Plymouth, UK

Award leader for BA and BSc Digital Media Design undergraduate degree. Teaching and designing courses in:

Media Theory, Emerging Media, Critical Media, Digital Cultures, Critical Making, Tactical Media, Contemporary Technologies, Interactivity, Programming, Live Coding and Sound Design.

Program Leader for MRes / ResM Digital Art and Technology. Teaching and designing courses in:

Critical Media Theory, Emerging Technologies and Digital Theory and Culture.

### University of Plymouth / Award Leader BA Music Technology

July 2011 - August 2017, Plymouth, UK

Award leader for BA Music: Technology undergraduate degree. Teaching and designing courses in:

Media Theory, Sonic Arts, Sound Design, Interactivity, Programming, Live

Coding, Critical Thinking, Media Culture.

### **University of Plymouth / Lecturer**

September 2008 - July 2011, Plymouth, UK

Lecturing to support the following degree programs:

Digital Art and Technology, Media Arts, Fine Art, Architecture and Music.

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## **Education**

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### **University of Plymouth / PhD Candidate**

September 2014 - Present Day, Plymouth, UK

Territories of Noise: spaces of resonance, dissonance, interference and contagion between light and sound.

Investigating the potential for noise in making / hacking practices with sound, light, materials and objects.

### **Goldsmiths College (University of London) / MA Interactive Media:**

Critical Theory and Practice

September 2007 - September 2008, London, UK

Final projects and thesis: Sonic Architectures and Media Networks of Noise.

### **University of the Creative Arts / BA (Hons) Digital Screen Arts - 1st Class**

September 2004 - June 2007, London, UK

Final projects: Interactive Installations and Sonic Architecture. Thesis: Intersections of Data, Science and Digital Media.

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## **Exhibitions**

### **Workshops**

### **Performances**

### **Talks**

### **Papers**

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#### **2018 -- Dust workshop, Wuxi, China.**

Collaborative and Open workshop exploring the sonic and interactive potential of dust with electronics.

#### **2017 -- Consciousness Reframed Conference, Beijing, China.**

Talk and paper exploring the impact of noise (the material of Dust) in Digital Environments.

#### **2017 -- VIRTUALITIES AND REALITIES, RIXC, Riga, Latvia.**

Talk and paper.

#### **2017 -- dataAche, Digital Research in the Humanities and Arts, Plymouth, UK.**

Workshop exploring the potential of supposed 'data less' objects and materials.

#### **2017 -- ISSTA, Dundalk, Ireland.**

Workshop exploring the interactions and resonance of coils and springs for sonic potential.

#### **2017 -- Cambridge Science Festival, Cambridge University, UK.**

Noisy Embryos Exhibition and Talk as part of the RADIX collective.

**2016 -- DeMontfort University, Leicester, UK.**

Noise and Drone performance at The Laundromat by the Sea performance event.

**2016 -- T(h)inking UnSymposium, Plymouth, UK.**

Organized workshops / performances embracing making practices.

**2016 -- University of Edinburgh, Edinburgh, UK.**

*Stick Chart* workshop and research presentation.

**2016 -- ISEA Conference, Hong Kong.**

transmission+interference installation at Digital Synesthesia Exhibition.

**2016 -- University of Applied Arts, Vienna, Austria.**

*transmission+interference* installation at Digital Synesthesia Exhibition.

**2015 -- Martin Howse Workshop, Plymouth Arts Centre, Plymouth, UK.**

Organized creative workshop and performance with Martin Howse – EARTH CODE.

**2015 -- ISEA Conference, SFU, Vancouver, Canada.**

*transmission+interference* – 2 day workshop and performance.

**2015 -- ISEA Conference, SFU, Vancouver, Canada.**

*transmission+interference* - Research paper presentation.

**2015 -- Undivided Mind, Plymouth University, Plymouth, UK.**

*Nomadic Noise* - Research paper presentation.

**2015 -- Baltic Arts Centre, Gotland, Sweden.**

Artist residency with RADIX collaboration.

**2015 -- Media City, Plymouth University, Plymouth, UK.**

Collaborative workshop/intervention with Rocio Von Jungenfeld & Vincent Van Uffelen.

**2015 -- Digital Synesthesia, University of Applied Arts, Vienna, Austria.**

Interdisciplinary workshop for Digital Synesthesia Exhibition.

**2015 -- Leonardo Journal**

ATRIA: A Sound Installation Exploring the Interface Between Art, Science & Technology

**2015 -- Leonardo Journal – Transactions**

Sensitive Chaos

**2014 -- University of Applied Arts, Vienna, Austria.**

Research presentation.

**2014 -- Bodies-in-Between: Corporeality and Visuality from Historical Avant-garde to Social Media, Cluj-Napaco, Romania.**

Passive / Active bodies in *Light Entropy* paper presented at conference.

**2014 -- TransX Symposium of Transmission Art, NAISA, Toronto, Canada.**

*transmission+interference* performance and presentation.

**2014 -- FIELDS Exhibition, RIXC, Riga, Latvia.**

*Wandering Snail* installation developed by collaborative group Radix.

**2014 -- European Virtual Institute for Malaria Research, Heidelberg Castle, Germany.**

*Parasite* installation.

**2014 -- University of Bath, UK.**

*Parasite* installation.

**2014 -- Contemporary Music Festival, Plymouth, UK.**

*Light Entropy* installation and performance.

**2013 -- International Science and Art Exhibition, Shanghai, China.**

*Parasite* installation.

**2013 -- Art Laboratory – Berlin, Germany.**

*transmission+interference* presentation at Synaesthesia conference / exhibition.

**2013 -- Ruskin Gallery, Cambridge, UK.**

*Parasite* installation.

**2013 -- REMAKE – Nova Synagogue, Zilina, Slovakia.**

*distributed presence* performance and installation.

**2013 -- Frown\_Tails – Athens, Greece.**

*transmission+interference* workshop and group performance.

**2013 -- Di-Egy Fest 0.1 – Cairo, Egypt.**

*transmission+interference* workshop and group performance.

**2013 -- Micro-Residency - Studio One, Plymouth Arts Centre.**

Preparation work and re-working of *distributed presence* installation.

**2013 -- Contemporary Music Festival – Plymouth, UK.**

*transmission+interference* workshop and performance.

**2012 -- PIKSEL Festival – Bergen, Norway.**

*transmission+interference* workshop and talk.

**2012 -- Live Interfaces - Leeds.**

*Sensitive Chaos* paper for conference on decaying interfaces.

**2012 -- ICCI 360 - Cultural Olympics, Weymouth.**

sOs data visualisation / sonification for 360-degree cinema.

**2012 -- Transpositions – Peninsula Arts, Plymouth.**

*Data Unveiling* shown at exhibition.

**2012 -- REMAKE – Brno House of Arts, Czech Republic.**

*distributed presence* installation.

**2011 -- Sonic Peripheries - University of the Arts, Bremen, Germany.**

Talk, workshop and solo exhibition for Sonic Peripheries series.

**2011 -- Unleashed – TINT, London.**

Workshop to remix both audio and video cityscapes.

**2011 -- RAFLOST – Icelandic Festival of Electronic Arts, Reykjavik, Iceland.**

*phase\_vox* interactive installation at RAFLOST Festival.

**2011 -- Exquisite Corpse (five senses), Soundfjord, London.**

International group show of sonic art.

**2011 -- REMAKE - Multiplace Festival, Bratislava, Slovakia.**

*Re-Paik* workshop, performance and talk as part of RE-Make theme for festival.

**2011 -- Festival of Research, Plymouth.**

*ATRIA* installation. Microscopic sea snail embryos sonified across 56-speaker network.

**2011 -- Estranged Spaces, Bath.**

Biofeedback and eye-tracking response work investigating perceptual fields.

**2011 -- ICCMR Interface Festival, Plymouth.**

Live electromagnetic/noise/glitch audio/visual performance.

**2010 -- Wellcome Trust.**

*Data Unveiling* - art / science collaborative installation.

**2010 -- Dragonfly Festival, Sweden.**

Sound artwork selected for Soundfjord event at Dragonfly Festival, Sweden.

**2010 -- Hartera Music/Arts Festival – Rijeka, Croatia.**

Workshop and installation in abandoned paper factory as part of ZEBRA.

**2010 -- Soundfjord, London.**

Noise selected for open day Soundart Jukebox.

**2010 -- Perception Lab – Detmold School of Architecture, Germany.**

Workshop and talk on experimental sound/space.

**2010 -- ICIA, Bath.**

*Fish-Eye-I* - Sound design from raw data of genetically modified zebra fish.

**2010 -- The Poetics of Space: Mapping out the Sonic Unconscious, Dartington.**

Experimental sound lab with artist Petra Klusmeyer.

**2010 -- ICCMR Interface festival, Plymouth.**

Live noise performance at electronic music festival.

**2009 -- Future Places – Radio Futura, Lisbon.**

Live broadcast for arts radio station during Future Places festival.

**2009 -- i-design'09 – University of Westminster, London.**

*transmission+interference* selected for kinetic/interactive show.

**2009 -- Pan-demonium – AC Institute [Direct Chapel], New York.**

*Clamor Calligraphy* selected for exhibition.

**2009 -- Freesound – Plymouth Arts Centre.**

*transmission+interference* and Invisible Soundscapes workshops.

**2009 -- Film Academy – Plymouth Arts Centre.**

Talk on sound+vision / synaesthesia.

**2009 -- Freesound – Plymouth Arts Centre.**

*Rigging in the Rain* selected for exhibition.

**2009 -- Passing Through – James Taylor Gallery, London.**

*Tiny Moments* shown at interactive/immersive/physical computing exhibition.

**2009 -- 24 Fragments – Fragmented Orchestra.**

*Building Systems* selected for live event as part of The Fragmented Orchestra.

**2008 -- Soundcube – incubatorgallery.org.**

*Rigging in the Rain* selected for online exhibition.

**2008 -- Crossing over: Exchanges in Art and Biotechnologies – R.I. London.**

Sound design for *Cocoon* by Kathleen Rogers. Royal Institute.

**2008 -- Sound:Space – South Hill Park.**

*Resonant Space – Q121* selected for sound art symposium.

**2008 -- Power Plant - Liverpool.**

*Tiny Moments* selected for outdoor sound and light trail in Calderstone Park.

**2008 -- Quantify Play – Jago Gallery, London.**

*message\_in\_a\_bottle* shown at group show.

**2008 -- Collision Festival of Experimental Arts – Area 10, London.**

*Tiny Moments* selected for experimental sound, light and performance festival.

**2008 -- Pontoon Art Exhibition – Oxford.**

Commissioned to create site-specific work under Folly Bridge, Oxford.

**2008 -- Essense – Beldam Gallery, London.**

*Mast* selected for multi-sensory exhibition.

**2008 -- Stoj kto idet? Moscow International Biennale for Young Art.**

*Clamor Calligraphy* created in collaboration with artist Yelena Popova.

**2008 -- Daily Constitutional's Soundcast.**

*Rigging in the Rain* selected for online exhibition.

**2008 -- Electric Blue Exhibition, The Bargehouse, London.**

*Tiny Moments* and *Flying Fish* (Yelena Popova) selected for exhibition.

**2008 -- Genesis – The Art of Creation”, Zentrum Paul Klee, Switzerland.**

*Tremor* Installation selected for exhibition.

**2007 -- Sound/Interactive Environment Designer – “Magnificent Stereo”.**

Interactive video and sound installation.

**2007 -- Creator of “Resonant Space-Q121”.**

Site-specific sound and light installation in Europe's largest wind tunnel.