

Dan Tapper (b. 1991, UK)

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Education:

2020 MFA Visual Arts, York University, Canada

2013 BA(Hons) Creative Music Technology, Bath Spa University, UK – 1st class honors

Solo Exhibitions:

2020, *SuperLattice*, Digital exhibition accompanied by artist talk, presented in association with InterAccess, Toronto, Canada

2019, *Turbulent Forms*, is an ongoing exhibition of work exploring the universe through chaos and cosmology. The works are inspired and derived from physical data gathered by space organizations and physicists as well as using thought experiments, illustrative techniques and imagination to create parallels and appreciation of complex, abstract and theorized concepts. The exhibition has been funded by Arts Council England and the British Council and co-presented by the Canadian Music Centre and New Adventures in Sound Art. *Turbulent Forms* builds on previous solo exhibitions with the same name presented at the Canadian Music Centre in 2017 and the Factory Media Centre, Hamilton, Canada in 2016.

2019, *Experiment Phase*, York University, Toronto, Canada

2016, *Physical Media Matter/Threads*, Farside, Toronto, Canada

2013, *A Machine to Listen to the Sky*, American Museum, Bath, UK — A Machine to Listen to the Sky reveals the unheard signals of natural radio constantly surrounding us. Through the use of custom antennas elevated high above ground level by a tethered weather balloon the crackling, whistling and buzzing of ionospheric activity is made audible through a visually striking aerial interface.

Selected Group Exhibitions:

2020, *LIFE: A SENSORIUM*, International Symposium on Electronic Art (ISEA), Montreal, Canada

2019, *Next Wave*, Varley Art Gallery, Markham, Canada

2016, *The Sky is also a Map*, InterAccess, Toronto, Canada

2016, *Science of the Unseen*, ACM Siggraph, Digital exhibition

2015, *Extreme Weather*, Murmur Gallery, Atlanta, USA

2015, *Code Nebula Pavilion*, The Wrong Biennale, Digital exhibition

2015, *Kymmata*, 03 Gallery, Oxford, UK

2013, *Noise and Whispers*, GV Art Gallery, London

Selected broadcast and composition:

2018, *Turbulent Forms*, Wave Farm, New York, USA

2016, *Black Sands*, Soundscapes in the Dark, NAISA, Toronto, Canada

2016, *Ven*, Elm Records

2016, *Heliosphere*, Toronto International Electroacoustic Symposium, Toronto, Canada

2015, *Some Call it Noise*, Resonance FM, Sonica FM, NAISA, New River Studios, Bath Spa University — Multiple international broadcasts

2014, *Monoliths on the River Elbe*, released Mobius Spin, Germany

2014, *Tour de Levis*, Sound Travels Festival of Sound Art, NAISA, Toronto, Cities and Memory — Multiple international broadcasts

2014, *Lake Ontario Sound Walk*, World Listening Day 2014 Sonic Terrain Compilation

2014, *Inverness to Edinburgh: Sonic Memories and Geographies*, Cities and Memory, Resonance FM, NAISA, WaveFarm — Multiple international broadcasts

2014, *Exploring Spaces*, Sweet Thunder Music Festival, San Francisco, USA
2013, *Sunsong* – radio documentary on VLF by Patrick Sykes, Resonance FM, London, UK
2013, *Changing Signals*, GV Art Gallery, Cinecycle – Multiple international broadcasts
2012, *Recording the Spirit Level*, Radius FM, Free Music Archive, Kunstradio, WGXC, Wave Farm, FREE103POINT9, radioCONA – Multiple international broadcasts

Selected press, publications and workshops:

2020, Expanding the Point Cloud, Seeing Sound Conference, Bath, UK
2020, *Deviant Devices*, SITE magazine
2019, *Turbulent Forms*, artist talk and workshop at Factory Media Centre, Hamilton, Canada
2018, *Visualising and Sonifying Data from Space*, Astronomy Department, York University, Toronto, Canada
2017, *Turbulent Forms masterclass* – guiding Canadian composers in data based composition techniques, Canadian Music Centre, Toronto, Canada
2016, *Obtuse Nature*, InterAccess, Toronto, Canada
2016, *Digital Nature*, +- Art Science Press, InterAccess, Toronto, Canada
2016, Feature on my work by the Creators Project
2016, *Science of the Unseen*, Sci Art in America
2016, *Science of the Unseen*, Creators Project
2016, *Magnetic Signals and Radiophonic Soundscapes Workshop*, Music Hackspace, London, UK
2015, *Code Nebula* featuring *Code Poetry*, Creators Project
2015, Guided VLF sound walk, New River Studios, London, UK
2015, *VLF: A Sound Artist's Guide*, Second Edition, +- Art Science Press
2015, *Code Poetry* feature, Wired UK
2015, *Code Poetry* feature, LAB Magazine
2014, *Elegant Generative Art Explores the Haiku as Code* – Code Poetry feature, The Creators Project
2014/15 *Magnetic Signals and Radiophonic Soundscapes*, VLF Workshops, NAISA, Toronto, Canada
2014, *Scientific Machinery*, +- Art Science Press
2013, *Microscopy*, +- Art Science Press
2013, *VLF: A Sound Artist's Guide*, online resource, also held at Arnolfini Library, Bristol, UK, Radius Library, Chicago, USA, Wave Farm Library, New York, USA

Selected performances:

2018, *Lis* performed with Thin Edge New Music Collective, Music Gallery, Toronto
2017, *Turbulent Forms*, Canadian Music Centre, Toronto, Canada
2016, *Bright Mirror: Recent Films by Paul Clipson*, live sonic accompaniment
2015, *A Pastoral Scene for a Digital Age*, New River Studios, London, UK
2015, *Deep Wireless Festival*, NAISA, Toronto, Canada
2014, *Tour de Levis*, Sound Travels Festival of Sound Art, NAISA, Toronto, Canada
2013, *Behaviour Ensemble*, Seeing Sound Conference, Bath Spa University, UK
2013, *Tapper Branea*, 44AD Gallery, Bath, UK
2013, *Tapper Branea*, Frome Noir, Somerset, UK
2013, *Behaviour*, Bath Fringe Festival, Bath, UK

Residencies:

2018, Wave Farm artist in residence
2016, Farside studio residency
2017, Artist in residence at the Canadian Music Centre
2016, Soundscape Intensive, led by New Adventures in Sound Art

Awards:

2020, nominated as part of the SITE Magazines publication *Deviant Devices* for the CICA Pierre Vago Journalism Award

2020, Research cost grant, York University

2020, Developing Creative Practice fund, Arts Council England — Supporting the development of new virtual and augmented reality works

2018 - 2020, Graduate fellowship, York University

2018, Longlisted for Lumen Prize

2017, Artists' International Development Fund, Arts Council England, British Council

2017, Ontario Arts Council exhibition assistance

2015, Shortlisted for Royal Geographic Survey and BBC Journey of a Lifetime Award

2014, Scholarship for New Adventures in Sound Arts Sound Travels Intensive

2013, Award for Outstanding Achievement in Creative Music Technology, Bath Spa University

Other Relevant Experience:

Programmer, teacher, artist assistant and circuit builder, 2015 - Present:

- Bespoke software engineering, circuitry building, systems design.
- Projects with programming and interactivity design featured in Nuit Blanche, Fieldwork, Camp Wavelength, Artscape Studio Tour.
- Facilitating installation, setup and modification of new media projects featured in Koerner Hall, Harbour Front Centre, In/Future, TIES and Nuit Blanche.
- Technician and consultant on interactive media projects for groups such as New Adventures in Sound Art and Urbanvessel.
- Creation of bespoke art and audio software for composer Bekah Simms, including the album artwork for Juno nominated *Impurity Chains*, 2018. My software has been used by Simms in compositions performed by Esprit Orchestra and U of T Contemporary Music Ensemble and is in use by the composer for new work and performances.
- TA Instructor in MaxMSP and teaching on the digital media DATT1000 course at York University.
- Leading workshops in sound art, creative coding and installation. Venues include Music Hackspace, London, InterAccess, Toronto and Wave Farm, New York.
- Collaborating with the astronomy, engineering and physics departments at York University. This work ranged from assisting in the development of improved data visualisation systems for mapping Resident Space Objects (RSO) to engaging my scientific colleagues in art science experiments such as attempting to 3d scan the interior of a calcite crystals and creating optical microphones using lasers to sonify ice nucleation.