

REF Report and Summary

Colin Riley, *Made 2 Resonate (M2R)*

Author: Colin Riley

Output Title: Made 2 Resonate (M2R)

Brief description: A suite consisting of three multisensory pieces of music: *Hanging in the Balance* (2014), *Songs of Coiled Light* (2016), *Fallen Angel* (2017)

Type of Output: Composition

Venues: Dartington College; Goldsmiths University; Suttie Arts Space, Aberdeen Royal Infirmary; Brunel University; Sound Festival Scotland; 'Other Abilities Festival', Amsterdam

Media of output: One recording mp3 file, two Vimeo recordings, PDF of scores (items 1-6)

Contextual information: Two documentaries, blog post on research process, evidence of premiere (items 7-12)

Index of information available for assessment on this site

Output

	Item/Link	Description	Additional information
1	Recording of Hanging in the Balance	mp3 (running length 19mins 57sec)	Studio recording with pianists Kate Halsall and Fumiko Miachi. Electronic realisation with significant input from James Waterworth. Downloaded from the publicly available source Hanging In The Balance (3 movements) by squeaky kate music Free Listening on SoundCloud
2	Recording of Songs of Coiled Light	Vimeo link (running length 26mins 49sec)	Performance recording with Gareth Davis. Provided at the publicly available source Songs of Coiled Light on Vimeo
3	Recording of Fallen Angel	Vimeo link (running length 14mins 40sec)	Performance recording. Provided at the publicly available source Fallen Angel on Vimeo

4	Score of Hanging in the balance	PDF (49 pages)	Copy of the score element of the output. Made available by author.
5	Score of Songs of Coiled Light	PDF (20 pages)	Copy of the score element of the output. Made available by author.
6	Score of Fallen Angel	PDF (13 pages)	Copy of the score element of the output. Made available by author.

Contextual information

	Item/Link	Description	Additional information/Link
7	Copy of research process described on author's webpage	PDF (1 page)	Evidence of research process/originality
8	Screenshot of Goldsmiths webpage showing dates of premiere for first piece	PDF (1 page)	Evidence of dissemination
9	Screenshot of British Music Collection webpage showing dates of premiere for second piece	PDF (1 page)	Evidence of dissemination
10	Screenshot of British Music collection webpage showing dates of premiere for third piece	PDF (1 page)	Evidence of dissemination
11	Documentary , <i>Hanging in the Balance</i>	Weblink to Vimeo https://vimeo.com/107336240	Evidence of research process/originality
12	Documentary , Songs of Coiled Light	Weblink to Vimeo https://vimeo.com/191822416	Evidence of research process/originality

Copy of 300 word-word statement

In conducting this research, I wanted to investigate how new musical compositions can be used to develop new ways for audiences to listen, both those with hearing impairment and full hearing. The aim was to create three pieces of innovative, flexible, music, performed by solo musicians, which could function in variable contexts and help explore resonance in different ways. The research also focused on the development of a software to enhance the interface and productivity of the musical engagement.

The research adopts a synergised approach in which composition, design and computer manipulation are equally weighted. The inner workings of all aspects of the creation are transparent, and part of the performance or installation aspect is that the listener is able to understand where sounds were created, where (and how) they are manipulated, and how transferences of energy through sound happen. It combines the world of concert music with art installation. Much research has considered new ways of generating sound through the applications of electronic and computer manipulation. Much rarer is the successful combination

offered here of a cohesive and mutually-enhancing balance between the sonic dimension (the construction of objects, mechanisms, applications of acoustics, and computer processing) and the composition itself.

The research findings challenge existing artistic practice by demonstrating new possibilities for creating music for those with hearing impairments – the use of film, displayed-text, signing, cause and effect with objects, and utilising vibrating surfaces on which participants can sit or lie. The findings demonstrate a change in the way the different audiences listened, as their engagement with the senses of feeling and seeing was synergised in new ways with that of hearing. The three pieces of music were performed between 2014 and 2017. The first one, *Hanging in the Balance*, premiered in London on 6th December 2014.

Copy of double weighting statement

This output is a multi-component piece consisting of a suite of three performances and two documentaries. The performances premiered between 2014 and 2017 and investigate how new musical compositions can use the experience of aural impairment to create music which reveals itself in both visual and audio terms to engage audience (both those with hearing impairment and full hearing) in new ways.

Riley has created multi-sensory compositions, performances, documentaries and installation to create music that is not only heard but also felt. In total, this work represents a complex and multi-layered research process of creative investigation and practice.

URL: <https://figshare.com/s/f8f3e076c03595bbea76>