Robert Laidlow

 $www.robertlaidlow.co.uk\ \cdot \underline{roblaidlow@hotmail.co.uk}$

I am a composer, educator and researcher, whose creative work has a particular focus on discovering and developing new forms of musical expression through the relationship between advanced technology, scientific collaboration, and live performance. My music, described as "gigantically imaginative" (BBC Radio 3), has been commissioned and performed in the UK, Europe, North America and South America by groups including the BBC Philharmonic (PRiSM Composer-in-Association, 2018-2022), London Philharmonic, Royal Liverpool Philharmonic, Ensemble Modern, International Contemporary Ensemble, Riot Ensemble, Chineke!, the Elias Quartet and Britten Sinfonia. Recent and upcoming commissions include: *Exoplanets*, a large-scale orchestral work developed in association with James Webb Space Telescope astrophysicists; *content*, music about the Internet for saxophone soloist; and *TECHNO-UTOPIA*, a concerto for newly-developed AI instruments and orchestra. My work has received widespread media coverage, including from the New York Times ("[Silicon] demonstrates AI technology's transformative and disruptive potential to expand musical practises and human expression"), several international television features, and a wide range of radio and press features. I have taught composition, music analysis and other modules at Oxford and Cambridge Universities and the Royal Northern College of Music and have been invited to give guest lectures at institutions in the UK, Europe and Australasia. As a researcher, I am interested in interdisciplinary collaborative projects exploring the creative and disruptive potential of AI in the arts, the possibilities of video game technologies in the creative process, and new approaches to sonic archives using digital tools.

Education

2018 - 2022:	PhD in Composition Royal Northern College of Music in partnership with the BBC Philharmonic Orchestra Supervisors: Emily Howard, Marcus du Sautoy, Simon Webb Examined by George E. Lewis Titled "Artificial Intelligence in the Creative Process of Contemporary Classical Music" Funded by the Arts & Humanities Research Council
2016 - 2018:	MMus in Composition Royal Academy of Music Teachers: David Sawer, Oliver Knussen Grade: Distinction Recipient of the Dr. Mosco Carner Scholarship 2016-17 and the Harvey Lohr award 2017-18
2012 - 2015:	BA (Hons) in Music Emmanuel College, University of Cambridge

Grade: 1st Class Honours

Academic Employment

Jesus College, Oxford University

Career Development Fellow in Composition / October 2022-2025

My compositions and research during this fellowship have focussed on a series of substantial solo works utilising advanced technologies. My seminar, small group, and one-to-one teaching responsibilities include:

- Contemporary instrumental and choral composition (all years)
- Electronic Music Composition (all years)
- Stylistic Composition 16th and 17th-century Counterpoint (1st-year module)
- Stylistic Composition mid-20th century jazz (1st-year module)
- Stylistic Composition early Romantic Lieder (1st-year module)
- Stylistic Composition Classical string quartet (1st-year module)
- Stylistic Composition 20th century classical (3rd-year module covers a range of music e.g., 12-tone, aleatoric, experimental, minimalist etc)
- Music Analysis (2nd and 3rd-year module)
- Computational and Engineering Creativity (3rd and 4th-year N.B., this is an Engineering Degree module)

Faculty of Music, Oxford University

Lecturer & Examiner for Composition / January 2023-present

Lecture series designed and delivered to entire cohort of 2nd and 3rd-year Music Composition students, with lectures focussing on:

- Non-Western approaches to Contemporary Classical Music
- Polystylistic Composition

- Writing for Creative Technology with Instrumental Ensembles
- Contemporary Choral Music
- Structure, Form and Internal Logic as Compositional Material

Examiner across Undergraduate cohort, grading their submitted Composition portfolios.

Royal Conservatoire of Scotland

Governor / January 2024-2027

Member of the Board of Governors, responsible for the strategic planning of the institution.

Royal Northern College of Music *Graduate Teaching Assistant and Examiner / 2019-2022* Taught group seminars in:

- Introduction to Stylistic Composition (1st-year module)
- Orchestration (1st and 2nd-year modules)

University of Cambridge

Undergraduate Supervisor / 2018-2020 Taught group seminars and supervised individual students in:

- 19th-century Music Analysis (1st-year module)
- 20th-century Music Analysis (2nd-year module)
- Music Analysis Dissertation (3rd-year module)

Selected Commissions

I Saw Eternity (2026/27) for vocal consort, ensemble, and electronics. 30 minutes.

Commissioned for EXAUDI and Klangforum Wien with funding from UK particle physics research.

TECHNO-UTOPIA (2025). Concerto for soloist (piano, synthesizer, AI instruments) & orchestra. 25 minutes.

Co-commissioned by the BBC Philharmonic, BBC Radio 3, and the Berlin Radio Symphony Orchestra.

World premiere 11th July 2025 with Jack Sheen (cond.), Zubin Kanga (solo) and the BBC Philharmonic.

European premiere 29th October 2026 with Vimbayi Kaziboni (cond.), Zubin Kanga (solo) and the Berlin Radio Symphony Orchestra.

Exoplanets (2025) for orchestra. 30 minutes.

Co-commissioned by the London Philharmonic Orchestra, Sinfonieorchester Basel, and Interfinity Festival.

World premiere 29th November 2025 with Edward Gardner (cond.) and the London Philharmonic.

European premiere 19th & 20th March 2026 with the Sinfonieorchester Basel.

Sound Vessels (2025) for wearable technology and cello. 10 minutes.

Commissioned by the University of the Arts, Berlin.

World premiere 7th February 2025 with Cosima Gerhardt, Federico Visi & Robert Laidlow at the UdK Berlin.

Content (2024) for saxophone & electronics. 27 minutes.

Commissioned by David Zucchi.

World premiere 5th December 2024 at the Cheng Kar Shun Digital Hub, Oxford.

Speedrun (2024) for video game controller and cello. 10-15 minutes.

Commissioned by the PLAY project for House of Bedlam.

World premiere 30th May 2024 with House of Bedlam and the composer at the Cheng Kar Shun Digital Hub, Oxford.

Tui (2024). Composition for machine listening algorithm & mixed ensemble. 12 minutes

Commissioned by RNCM PRiSM for International Contemporary Ensemble.

World premiere 16th May 2024 with International Contemporary Ensemble at Roulette Intermedium, New York.

Post-Singularity Songs (2023) for soprano & electronics. 25 minutes.

Commissioned by Stephanie Lamprea and the Glasgow Cathedral Festival.

World premiere 27th September 2023 at the Glasgow Cathedral Festival.

European premiere 8th December 2024 with Echolab at the Muziekverein (Amsterdam).

Silicon (2022) for orchestra & AI electronics. 42 minutes.

Written for the BBC Philharmonic, supported by the Arts & Humanities Research Council National Centre for Innovation.

World premiere 29th October 2022 with Vimbayi Kaziboni (cond.) and the BBC Philharmonic.

European premiere 10th September 2023 with David Brophy (cond.) and the RTÉ Concert Orchestra (Dublin).

Warp (2021). Concerto for piano and orchestra. 12 minutes.

Commissioned by the BBC Philharmonic and BBC Radio 3.

World premiere 11th November 2021 with Vimbayi Kaziboni (cond.), Joseph Havlat (solo) and the BBC Philharmonic.

Gravity (2020) for string quartet. 22 minutes.

Commissioned by the Echea Quartet.

World premiere 21st June 2021 at the 1901 Arts Club, London.

European premiere 2nd October 2021 at the Musee de l'Orangerie, Paris.

Alter (2019) for ensemble and electronics. 14 minutes.

Commissioned by the Barbican Centre for the Britten Sinfonia

World premiere 18th November 2019 with William Cole (cond.) and the Britten Sinfonia

Turing Test // Prelude for harpsichord. 5 minutes.

Commissioned (2019) by the Barbican Centre for Mahan Esfahani.

World premiere 9th March 2019 with Mahan Esfahani.

Arranged for Chineke! Ensemble. World premiere and TV broadcast (BBC) 28th December 2019.

Aroha (2019) for string quartet. 11 minutes.

Commissioned by the Elias Quartet.

World premiere 23rd May 2019 at the Wigmore Hall, London.

Media Coverage

OPUS Magazine (Sweden). Feature on my pieces *Post-Singularity Songs* and *Silicon*. By Johanna Paulsson. December 2023 issue.

Youth Music (UK). Interview on my creative practice. "Generation AI: How Young Musicians are Embracing AI". October 2023.

BBC Music Magazine. Feature on my orchestra work Silicon. "Rise of the Machines" by Tom Service. July 2023 issue.

New York Times. Interview and feature on my orchestra work *Silicon*. "What Happens When A.I. Enters the Concert Hall" by Garrett Schumann. 10th June 2023.

Bachtrack. Feature on my orchestra work *Silicon*. "Vimbayi Kaziboni: Music to change your life" by Lawrence Dunn. 2nd November 2022.

New Scientist. Video and article on my orchestra work *Silicon*. 4th November 2022.

PRS M Magazine. Feature on my orchestra work *Silicon*. "PRiSM's Emily Howard and Robert Laidlow: Mathematics, AI and the orchestra" by Daniel Lewis. September 2022 issue.

University College London AI Society. Interview on my creative practice. January 2022.

Anaclase (France). "création française de *Gravity* de Robert Laidlow". 2nd October 2021.

Scienceline. Interview on my creative practice by Niko McCarty. 8th January 2021.

The Guardian. "Ada Lovelace: Imagining the Analytical Engine Review" by Erica Jeal. 3rd November 2019.

Commissioned Self-Authored Articles on my Creative Practice

"An AI and Music Manifesto" for Music Patron website. 2025.

"Silicon, AI, and Classical Music" in Musical Opinion, Autumn 2022 Issue.

"More Than a Record: The Cultural Value of Digital Art" for the Orchestra of the Age of Enlightenment website. 2020.

"Alter, Artificial Intelligence and the Modern Polymath" for the Royal Philharmonic Society website. 2019.

"Inventing the Lovelace Engine" for the centre for Practice & Research in Science & Music website. 2019.

Broadcasts

Television Features

ARTE Twist (Germany). Feature on my collaborative work with pianist Hanni Liang and Konzerthaus Berlin. TBC March 2025.

RTÉ One (Ireland). Documentary featuring my orchestral composition *Silicon* and a broadcast of its first movement performed by the RTÉ Concert Orchestra. November 2023.

Sky News (UK). Interview on AI and Music. July 2023.

RTVE (Spain). Documentary featuring my creative practice, in particular my orchestral composition *Silicon* and my audience-engagement project *Turing Test // Prelude* with a broadcast of both of those pieces. July 2023.

BBC Four (UK). Broadcast of my piece *Turing Test // Preluede* performed by Chineke! Orchestra as part of the annual BBC Royal Institution Christmas Lectures. December 2019.

Radio & Podcast Features

BBC Radio 3 New Music Show. Broadcast of TECHNO-UTOPIA and interview. TBC July 2025.

Jo Durrant's Beautiful Universe (Podcast). Interviewed about my *Exoplanets* orchestra commission with the London Philharmonic. 18th September 2024.

Electric Art (Podcast). "AI, Music and Creativity with Dr. Robert Laidlow". Longform interview on my work. 18th June 2024.

Viewpoints Radio. "Has Artificial Intelligence Forever Changed The Music Industry?". Interview. 16th July 2023.

BBC Radio 3 The Listening Service. Feature on Silicon for orchestra. 4th June 2023.

BBC Radio 3 *Music Matters*. Interview about *Silicon* for orchestra and about AI and Music broadly. 22nd April 2023.

BBC Radio 3 New Music Show. Full broadcast of Silicon and interview. 22nd April 2023.

BBC Radio Manchester Breakfast Show. Interview on my work with the BBC Philharmonic. 29th October 2022.

BBC Radio 3 *Afternoon Concert.* Curated a concert for BBC Radio 3 including 2 of my own works. 11th November 2021.

BBC Radio 3 New Music Show. Broadcast of Aroha. 1st December 2020.

BBC Radio 3 In Concert. Broadcast of Jumpcut/Longshot for wind band and interview. 9th January 2020.
BBC Radio 3 Music Matters. Broadcast of Three Entistatios and interview. 24th June 2019.
BBC Radio 3 In Tune. Broadcast of Aroha and interview. 22nd May 2019.
BBC Radio 3 New Music Show. Broadcast of Lines between. 9th December 2018.

Invited Lectures

2025 Invited lecture on my work at the University of Wellington, New Zealand. Date TBC.

Invited lecture-recital at the Konzerthaus, Berlin. 3rd June 2025.

Invited lecture-recital with Zubin Kanga at Café Oto, for The Wire. 13 May 2025.

Invited lecture on my work at the University of Edinburgh Institute for Advanced Study. 7th March 2025.

Invited lecture on my work at the University of Oxford Centre for Research in the Humanities. 5th March 2025.

2024 Invited lecture on my work at the Intelligent Instruments Lab, University of Iceland, 29th November 2024.

Music, Maths and Exoplanets. Invited lecture-recital at the Cheltenham Science Festival. 6th June 2024.

Disruptor, Imitator, Listener, Improvisor. Invited keynote lecture on my work at the School of Advanced Study, University of London. 24th June 2024.

Towards Non-Human Music: Songbirds, Funghi and Artificial Intelligence. Invited keynote lecture on my work at the Elbphilharmonie 'Art of Music Education' symposium. 1st March 2024.

The Sounds of Uncertainty seminar lecturer at the UK Music Education Expo. London. 23rd February 2024.

CREATIVE SOLUTIONS: AI and collaborating in the digital space. Invited presentation at the Association of British orchestras conference. Bristol Beacon. 25th January 2024.

2023 Invited lecture on my work at the Guildhall School of Music & Drama. 6th November 2023.

Spectra and structures: navigating compositional latent spaces in chamber and orchestral music', Invited lecture on my work at the Oxford Seminar in Music Theory & Analysis. 24th October 2023.

New Horizons panel member at the Incorporated Society of Musicians (ISM) Empowered Musician Day 2023. 23rd April 2023.

Invited lecture on my work at Wolfson College, Oxford. 9th February 2023.

Older Invited lecture on my work at the Alan Turing Institute for AI, London UK. 25th June 2021

Invited lecture on my work at Cambridge University Composers' Seminar. 3rd February 2020.

Invited lecture-recital at BBC Blue Room. 7th October 2019.

Invited lecture at the Royal Academy of Music Graduate Symposium. 25th January 2019.

Selected Peer-Reviewed Publications and Conference Papers

Publications

Laidlow, R. "Control, Assimilation, and Collaboration in Orchestral Music Performed with Embedded AI". Forthcoming 2025, invited submission to *Organised Sound* Special Issue: "Embedding Algorithms in Music and Sound Art."

Laidlow, R., Sargen, E., Ma, B. *Designing Software to Explore the Musical Affordances of Video Game Hardware.* Paper under development (2025).

Laidlow, R. Towards Astromusicology. Paper under development (2025).

Laidlow, R. (2024). Generative AI and Music Composition. In King, Andrew and Johnson, Carol (eds.), *Music, Technology, Innovation: Industry and Educational Perspectives*. Routledge.

Laidlow, R. (2024). Artificial Intelligence and the Symphony Orchestra. In Smith, Neil Thomas, Peter Peters, and Karoly Molina (eds.), *Classical music futures: Practices of innovation*. Open Book Publishers.

Laidlow, R.*, Mehnert, W.*, Haith, C., Laubscher, S. (2024). Sound of Contagion – An Artistic Research Project Exploring A.I. as a Creative Tool for Transmedial Storytelling. In Eckart Voigts et al. (eds.), *Artificial Intelligence - Intelligent Art? Human-Machine Interaction and Creative Practice*. Transcript Publishing.

Kanga, Z. (...) Laidlow, R. (et al.) (2024). *Technology and Contemporary Classical Music: Methodologies in Practice-Based Research*. Project Report. National Centre for Research Methods.

Laidlow, R. (2023). 'Silicon for Orchestra and Artificial Intelligence: Three Strategies for Incorporating Artificial Intelligence into the Compositional Process of Orchestral Music'. Proceedings of the 2023 AI & Music Creativity Conference.

Laidlow, R. (2023). Warp. Textual Practice, 37(12), 1856-1859.

de Roure, D., Howard, E., **Laidlow, R.,** Willcox, P. (2019). *Alter: An Ensemble Work Composed with and about AI.* Proceedings of Digital Music Research Network Workshop 2019.

Conference Papers

Metamodernism in UK Contemporary Music: Perspectives from Practitioners. Conference paper presented at the Royal Musical Association Annual Conference. Senate House, University of London. September 2024.

Music that contains itself: proportionality as musical material. Conference paper presented at the Society for Music Analysis annual conference, Oxford University. July 2023.

Silicon Soul; Neural Synthesis as Archive-Specific Compositional Tool at the Cyborg Soloists Symposium, Royal Holloway University. June 2023.

Artificial Intelligence as Creative Agent in the Compositional Process, 57th Royal Musical Association Annual Conference, Newcastle University, September 2021.

When Will Artificial Intelligence Steal Your Job? at New Music Gathering USA, University of Augsburg, Minneapolis, August 2021.

Future and Past in AI and Classical Music, Music as Embodied and Social Data Workshop at the 13th ACM Web Science Conference, University of Southampton, June 2021.

Software and Datasets

"PLAY" (2024). Open-access software allowing any user to transform a standard video game controller into a digital musical instrument.

"Stacco-orchestra". Creative AI model to be embedded into "stacco" instrument developed in collaboration with the Intelligent Instruments Lab (University of Iceland). Open-access release forthcoming.

"PRiSM-MGR" (2024). Open-access machine listening algorithm designed to respond, in real-time, to musicians performing specific musical gestures.

"DDSP-VST" (2022). Pre-release contributor to Google Magenta-developed digital instrument.

"PRiSM-SampleRNN" (2021). Open-access machine learning algorithm to generate novel sample-by-sample audio.

"Jukebox" (2020). Pre-release contributor to OpenAI-developed neural network for symbolic music generation.

Selected Awards & Honors

- Associate of the Royal Northern College of Music. Conferred in December 2024.
- Third movement of *Silicon* for orchestra selected for 2025 UK submission to the ISCM World Music Days.
- Third movement of *Silicon* awarded runner-up in 2024 Royal Musical Association Tippett Composition Award.
- PRiSM Composer-in-Association with the BBC Philharmonic, 2018-2022
- Awarded 2022 Ivan Juritz Prize for Warp.
- Shortlisted for 2020 Ivan Juritz Prize for *Alter*.
- *Aroha* nominated for the 2020 Ivor Novello Classical Awards.
- Awarded 2019 Royal Philharmonic Society Composers Prize.
- *Lines between* nominated for the 2018 British Composer Awards.
- Awarded 2018 PRS Accelerate Composers Prize.
- Awarded 2018 Alan Bush Prize for *Lines between*.

Appendix: Known Public Performances

29.10.2026 – TECHNO-UTOPIA Zubin Kanga (soloist) & Berlin Radio Symphony Orchestra Berlin (TBC Konzerthaus/Berlin Philharmonie/other)

20.03.2026 – *Exoplanets* Sinfonieorchester Basel Interfinity Festival Basel

19.03.2026 – *Exoplanets* Sinfonieorchester Basel Interfinity Festival Basel

29.11.2025 – *Exoplanets* London Philharmonic Orchestra Royal Festival Hall, London

11.07.2025 - *TECHNO-UTOPIA* Zubin Kanga (soloist) & BBC Philharmonic BBC Philharmonic Studio

13.05.2025 – *TECHNO-UTOPIA Extracts* With Zubin Kanga Café Oto, London

05.05.2025 – *Exoplanet Studies* Freya Goldmark (violin) Oxford May Music

30.04.2025 - *speedrun* for cello and xbox controller University of Sheffield

26.03.2025 – *Gravity* Piatti String Quartet

27.02.2025 – *Three AI Folk Songs* Catherine Hargreaves Lamb and Flag, Oxford

09.02.2025 - Sonata #33 Late night event exploring AI, Beethoven, and creativity with Hanni Liang Konzerthaus, Berlin

08.02.2025 - *Everyday Objects* New piece for interactive objects with Federico Visi UdK, Berlin

07.03.2025 - *Post-Singularity Songs* Stephanie Lamprea (soprano) & electronics Reid Concert Hall, University of Edinburgh

08.12.2024 - *Post-Singularity Songs* EchoLab vocal ensemble Nieuw Noten Amsterdam, Muziekverein Amsterdam

05.12.2024 - content & Post-Singularity Songs 5.30PM - Digital Hub, Jesus College, Oxford David Zucchi (soprano saxophone) & electronics Stephanie Lamprea (soprano) & electronics

05.11.2024 - *speedrun* for cello and xbox controller International Anthony Burgess Foundation, Manchester 05.06.2024 – *Exoplanets Studies* Freya Goldmark. Cheltenham Science Festival

30.05.2024 - *New work for video game controllers with House of Bedlam* Digital Hub, Jesus College, Oxford

16.05.2024 - *Tūī* International Contemporary Ensemble cond. Vimbayi Kaziboni Roulette, NYC, USA

16.11.2023 - The Walls Do Not Fall London New Wind Festival. The Warehouse, London

30.09.2023 - Winterscape London Consort of Winds

28.09.2023 - Post-Singularity Songs Stephanie Lamprea & Alistair MacDonald (electronics). Glasgow Cathedral Festival

18.09.2023 - Silicon RTE Concert Orchestra cond. David Brophy

19.07.2023 - Post-Singularity Songs Stephanie Lamprea & Riot Ensemble. King's Place, London

17.07.2023 - Post-Singularity Songs Stephanie Lamprea & Riot Ensemble. Turner Sims, Southampton

29.10.2022 - Silicon BBC Philharmonic Orchestra - Bridgewater Hall

30.07.2022 - Shadow Music UnHeard Ensemble, Manchester UK

22.05.2022 Exhibition of music and art, UdK Berlin. Part of "Sound of Contagion"

27.01.2022 - Gleam Emily Earl & Aliayta Foon-Dancoes Bermondsey Project Space, London.

13.12.2021 - Gravity Echea Quartet - studio recording of 'Gravity'

30.11.2021 - Sound of Contagion Bandwidth Ensemble - Wolfson College Oxford Performance of my music from the Sound of Contagion research project.

11.11.2021 - Spheres (from Gravity) BBC Philharmonic Orchestra Performance of 'Spheres', arranged from my string quartet 'Gravity'.

11.11.2021 - Warp BBC Philharmonic Orchestra with soloist Joseph Havlat World premiere of 'Warp' commissioned by the BBC Philharmonic 06.10.2021 - Chromodynamics Royal Liverpool Philharmonic Ensemble 10/10 World premiere of 'Chromodynamics', commissioned by the Royal Philharmonic Society.

02.10.2021 - Gravity Echea String Quartet - <u>Musée de l'Orangerie, Paris (FR)</u> European Premiere of 'Gravity'

12.09.2021 - Lines between UnHeard - Manchester, Anthony Burgess Foundation Performance of 'Lines between'

26.07.2021 8PM - Satellites Psappha (Tim Williams & Benedict Holland) Livestream world premiere - <u>click here</u>

08.06.2021 - Satellites (violin and cimbalom) Psappha - HD Livestream Written for Psappha's 'Composing For' programme

21.06.2021 - Gravity (string quartet) Echea String Quartet - 1901 Arts Club, London World premiere of 'Gravity', commissioned by the Echea Quartet.

21.05.2021 - Phoenix (drum kit and electronics) Matthew Brett - Royal Academy of Music Livestreamed Event <u>https://youtu.be/TeOTR2JZ4hE?t=2460</u> (41 minutes into concert video)

22.10.2020 – Chromodynamics [World Premiere] (chamber ensemble) Royal Liverpool Philharmonic Ensemble 10/10 cond. Geoffrey Patterson – St George's Hall, Liverpool Coronavirus Cancelled

22.06.2020 – Aroha Elias String Quartet – Royal Northern College of Music Coronavirus Cancelled

16.06.2020 – Songs Without Meaning Vanessa Guinadi – Livestreamed Event https://youtu.be/ew2LVsVRwfE?t=1200

16.06.2020 – Parallel Endings Members of BBC Philharmonic Orchestra – Livestreamed Event https://youtu.be/ew2LVsVRwfE?t=695

06.06.2020 – Mutate Fabio Zanon – Bognor Regis, UK Coronavirus Cancelled

01.06.2020 – Mutate [World Premiere] Fabio Zanon – Canterbury, UK Coronavirus Cancelled

19.05.2020 – Miniature Emily Earl – Livestreamed Event https://www.youtube.com/watch?v=MN07nCTfbuU

06.02.2020 – Journey Through Music BBC Philharmonic Orchestra – Bridgewater Hall, Manchester Members of the BBC Philharmonic Orchestra performed three works - Turing Test//Prelude, Parallel Endings and Miniature for Violin.

07.01.2020 – Jumpcut/Longshot Southampton Concert Wind Band [Broadcast] The world premiere of Jumpcut/Longshot, conducted by Calum Gray, was broadcast on BBC Radio 3. This piece was written as part of Making Music UK's Adopt-A-Composer scheme.

28.12.2019 – Turing Test//Prelude Chineke! Orchestra [Broadcast] Turing Test//Prelude was performed as part of BBC Four's television broadcast of the Royal Institution Christmas Lectures. The programme can be seen on BBC iPlayer and YouTube.

03.12.2019 – Style Transfer RNCM Musicians – Carole Nash Recital Hall, Manchester Showcased works for a new AI-powered synthesizer at this Spotlight Concert.

26.11.2019 – Aroha Echea Quartet – Royal Birmingham Conservatoire

18.11.2019 – Alter Britten Sinfonia & Marta Fonatanals-Simmons cond. William Cole – Holywell Music Room, Oxford

02.11.2019 – Alter [World Premiere] Britten Sinfonia & Marta Fonatanals-Simmons cond. William Cole – Barbican Centre

07.10.2019 – Three Entistatios BBC Philharmonic Orchestra cond. Jack Sheen – BBC Radio Theatre, London

02.07.2019 – Three Entistatios BBC Philharmonic Orchestra – MediaCity, Salford Three Entistatios was performed during the University of Salford Research Festival. It was livestreamed by the University of Salford. Conducted by Jack Sheen.

16.06.2019 – [null] RNCM Period Brass Ensemble – Royal Northern College of Music The RNCM's Period Brass Ensemble, directed by John Miller, performed [Null] for seven sackbuts and bass singer during the Soundscape of Heaven and Earth festival.

13.06.2019 – Three Entistatios [World Premiere] RNCM New Ensemble cond. Jack Sheen – Royal Northern College of Music

23.05.2019 – Aroha [World Premiere] Elias String Quartet – Wigmore Hall

23.05.2019 – Shadow Music Simeon Evans & Tasuku Noguchi – Royal Northern College of Music

18.05.2019 – Jumpcut/Longshot [World Premiere] Southampton Concert Wind Band – Chapel, Royal Victoria Country Park The piece was developed in collaboration with the group as a result of Making Music UK's 'Adopt-A-Composer' scheme, and was conducted by Calum Gray. The performance was recorded for broadcast on BBC Radio 3.

03.05.2019 – Piano Quintet [UK Premiere] Echea Quartet & Marina Kan Selvik – Emmanuel College, Cambridge

09.03.2019 – Turing Test//Prelude [World Premiere] Mahan Esfahani – Barbican Centre

02.03.2019 - DUNE

Bournemouth Symphony Orchestra - BSO Composers Day

05.02.2019 – Shadow Music Simeon Evans & Tasuku Noguchi – Royal Northern College of Music

22.11.2019 – The Walls Do Not Fall [World Premiere] Berkeley Ensemble – St James' Piccadilly

24.09.2018 – Unsteady Ground [World Premiere] Robert Laidlow & Friends – Royal Academy of Music

24.09.2018 – Trilogy [World Premiere] Robert Laidlow & Friends – Royal Academy of Music

22.09.2018 – Curious Sunset CoMA Sussex – St John's Smith Square

26.07.2018 – Piano Quintet [World Premiere] Campos do Jordao Quinet – Campos do Jordao Festival, Sao Paolo, Brazil

12.06.2018 – Of Necessity Katherine Clarke – Southwark Cathedral

23.05.2018 – Of Necessity Katherine Clarke – London, UK

22.05.2018 – Invisible Horizon Andrew Budden (Psappha) – Manchester, UK

22.05.2018 – Of Necessity [World Premiere] Katherine Clarke – London, UK

19.04.2019 – Curious Sunset CoMA Sussex – The Brunswick, Hove

16.04.2018 – At The Still Point of the Turning World [World Premiere] London Accordion Orchestra – Royal Academy of Music

08.03.2018 – Cathedrals of Silence [World Premiere] The Hermes Experiment – Royal Academy of Music

03.03.2018 – Curious Sunset CoMA Sussex – University of Chichester

06.02.2018 – Lines Between [World Premiere] Tritium Trio – Royal Academy of Music

19.01.2018 – Arrhythmia [World Premiere] RAM Ensemble led by Colin Currie – Royal Academy of Music

10.12.2017 – Winterscape [World Premiere] London Consorts of Winds – Herne Hill Winter Festival

23.09.2017 – Recreator [World Premiere] Members of Milwaukee Symphony & Ballet – Doors Open Festival, Milwaukee

10.07.2017 – Atomise Ensemble Modern Workshop – Sao Paulo, Brazil 09.07.2017 – Undercurrents Ensemble Modern Workshop – Sao Paulo, Brazil

27.06.2017 – Breath [World Premiere] Royal Academy Contemporary Ensemble – St. Ethelburga's, London

16.06.2017 – Shadow Music [World Premiere] William Howarth & Robert Laidlow – Shoreditch Town Hall

13.06.2017 – Red [World Premiere] Mario Kurtjak – Royal Academy of Music

16.05.2017 – Prism [World Premiere] Natasha Page & RAM Players – Royal Academy of Music

05.05.2017 – Moonfall Les Laurentines – Victoria Rooms, Bristol

02.05.2017 – Curious Sunset [World Premiere] CoMA London – Royal Academy of Music

30.04.2017 – Moonfall [World Premiere] Les Laurentines – Baroquestock, London

24.04.2017 – Atomise [World Premiere] Huw Watkins, Michael Foyle & Timothy Ellis – Royal Academy of Music

03.04.2017 – Half-Life Robert Laidlow & Oliver Keller – Café Oto, London

20.03.2017 – Assembly Line RAM String Quartet – The Forge, London

10.03.2017 – The Light of the Trees Inflexio Duo & Guests – Royal Academy of Music

09.03.2017 – The Light of the Trees Inflexio Duo & Guests – St Mary-At-Hill, London

13.01.2017 – The Kokako Starts to Sing Blossom Street Singers – Regent Hall, London