

### Solo Exhibitions

- 2023 *Inner Horizons*, The Art House, Wakefield
- 2019 *The Abyssal Glow*, Wigan STEAM, Wigan
- 2018 *Collide*, Tambourine Coffee, Saltaire
- 2018 *Collide*, The Brick Box Rooms, Bradford
- 2016 *Collide*, The Koffee Pot, Manchester
- 2016 *Collide*, North Bar, Leeds
- 2016 *In Transition (1)*, The Record Cafe, Bradford

### Group Exhibitions

- 2025 *Who Am I?* (work-in-progress), Untitled 2: City of Wonder Showcase, Gallery II, Theatre in the Mill, University of Bradford, Bradford
- 2023 *Inner Horizons*, BD is LIT Light Festival by Bradford Council, Waterstones, Bradford
- 2023 *Inner Horizons*, Curiosity and Wonder Summer Programme, Yorkshire Sculpture Park, Wakefield
- 2023 *Inner Horizons* UK Première, Mediale via Selby Creates Winter Arts Programme, Selby Abbey
- 2022 *Inner Horizons*, Wave-Particle Duality: Across Space – Sympathetic Vibration (Online Exhibition), Changwon Sculpture Biennale 2022, Changwon Cultural Foundation, South Korea
- 2022 *In Transition (2)*, 40 Years of South Square, South Square Gallery, Bradford
- 2020 *A(I) Search for Answers*, Be Fantastic Triennial (Online), Jaaga, India
- 2019 *Inner Horizons*, Creators in Lab: Art and Science, Asia Culture Center, South Korea
- 2019 *The Abyssal Glow*, Under the Northern Sky, Signal Film and Media, Cumbria
- 2018 *Encounter with a Bubble*, Visions of Science, Andrew Brownsword Gallery, University of Bath
- 2018 *Encounter with a Bubble*, Bradford Bubble Up, National Science & Media Museum/The Brick Box, Bradford
- 2017 *In Transition (2)*, School of Light, curated by Lumen Studios, London
- 2016 *In Transition (1)*, From Galileo to Mars: Renaissance of the ArtSciences Symposium, SACI Gallery, SACI College of Art and Design, Florence
- 2016 *In Transition (2) & Clarence House Spectrogram*, STEAM Ahead, South Square Gallery, Bradford
- 2015 *In Transition (2)*, Manchester School of Art Degree Show, Manchester Metropolitan University

### Commissions

- 2023 *Flow*, Mini Seed Commission, Bradford 2025 UK City of Culture
- 2023 *Inner Horizons* UK Première, Mediale via Selby Creates Winter Arts Programme, Selby Abbey
- 2019 *Inner Horizons*, Creators in Lab: Art and Science Residency and Exhibition, Asia Culture Centre, South Korea
- 2019 *The Abyssal Glow* with Joe Beedles, *Under the Northern Sky* Exhibition, Signal Film and Media, Cumbria
- 2018 *Encounter with a Bubble*, Bradford Bubble Up Opening Party LATES, National Science and Media Museum and The Brick Box, Bradford
- 2017 *In Transition (3)*, Light Night Leeds, University of Leeds
- 2017 *Molecular Landscape* image on front cover of issue one - *Sustainable Energy and Fuels* Journal, Royal Society of Chemistry and Manchester Metropolitan University
- 2015 *In Transition (2)*, The Vertical Gallery, Manchester Metropolitan University
- 2015 *Clarence House Spectrogram*, Primary One Europe, Manchester

### Residencies

- 2025 Research & development of *Who Am I?*, Gallery II/Theatre in the Mill, University of Bradford
- 2024 Research & development of *Who Am I?*, Convention House, East Street Arts, Leeds
- 2023 Shortlisted for the *Art in Manufacturing Residency Commission*, National Festival of Making, Blackburn
- 2020 *Electric Storm*, Both Sides Now: Brighter Sound and Delia Derbyshire Day, Spirit Studios, Manchester
- 2019 *Creators in Lab: Art and Science*, Asia Culture Center, South Korea
- 2018 *Visions of Science* with Dr Kei Takashina, University of Bath
- 2017 *ASMBly Lab* with The Superposition collective, St John's Centre, Leeds

### Education

- 2012-15 *First Class - BA (Hons) Textiles in Practice*, Manchester School of Art, Manchester Metropolitan University

### Fellowships/International Exchanges/Artist Development Programmes/Elected Memberships

- 2025 *Royal Society of British Sculptors*, London/Online
- 2025 *Leeds Creative Labs: Climate Futures*, The Cultural Institute & Priestley Centre for Climate Futures,

University of Leeds, Leeds/Online

- 2025 *Who Am I?, Untitled 2: City of Wonder*, Theatre in the Mill, Bradford
- 2024 *Unbound: Dynamic artists for public spaces development programme*, BEAM & YVAN, Wakefield/Online
- 2024 *Bradford 2025 X Bradford Producing Hub International Exchange*, British Council, Online
- 2023 Shortlisted for the *Artist Research Fellowship*, Henry Moore Institute, Leeds
- 2022 *Light Up The North LightLab*, Light Night Leeds and Light Up Lancaster
- 2022 *Yorkshire Sculpture International Sculpture Network 2022*, YSI, Yorkshire/Online
- 2020 *CoLab TechArt Fellowship* with Jaaga, British Council (India), Goethe Institute (Germany) and Islington Mill (UK)

#### Collaborations

- 2020 *CoLab TechArt Fellowship* with Jaaga and British Council, Goethe Institute, and Islington Mill
- 2020 *Both Sides Now: Electric Storm Performance*, Delia Derbyshire Day/Brighter Sound, Spirit Studios, Manchester
- 2019 *The Abyssal Glow* with Joe Beedles, Signal Film and Media, Cumbria
- 2018 *Encounter with a Bubble* with Dr Kei Takashina, University of Bath
- 2018 *In Transition* with The Superposition Collective, Leeds

#### Prizes

- 2022 Shortlisted for the *DARE Art Prize 2022-23*, University of Leeds and Opera North, Leeds

#### Funding

- 2025 Residency to R&D *Flow* in Sorby Environmental Fluid Dynamics Lab, University of Leeds, *Seedcorn & Partnerships Fund*, Leeds Institute for Fluid Dynamics, University of Leeds, Leeds
- 2025 *1-1 training in 3D Modelling*, Spare Bob Grant, Bradford Producing Hub, Bradford
- 2025 *a-n Artist' Bursaries 2024-25*, a-n Artists' Information Company, Newcastle
- 2024 *Flow, Our Turn: Micro Grant*, Bradford 2025 & South Square Centre, Bradford
- 2024 *R&D of Flow*, Convention House Bursary, East Street Arts, Leeds
- 2023 *Bespoke 1-1 training course in physical computing*, Spare Bob Grant, Bradford Producing Hub, Bradford
- 2023 *Making Inner Horizons accessible, environmentally responsible, & commercially viable*, National Lottery Project Grant, Arts Council England
- 2023 *Making Inner Horizons accessible, commercially viable, & environmentally responsible*, Small Project Grant, City of Bradford Metropolitan District Council
- 2023 *Bradford Visual Arts Social*, Bradford Producing Hub
- 2022 *COVID-19 Additional Restrictions Business Grant*, City of Bradford Metropolitan District Council
- 2021-22 *Knowledge of the technical, makes creativity possible*, Developing Your Creative Practice, Arts Council England
- 2021 *COVID-19 Additional Restrictions Business Support Grant*, City of Bradford Metropolitan District Council
- 2020 *Artists' Union England Solidarity Fund*
- 2020 *The Daphne Oram Trust Emergency Support Grant*
- 2020 *Virtual Studio Video Series*, Response project grant, City of Bradford Metropolitan District Council
- 2019 *Help me to do my first international residency crowdfunding campaign*, Crowdfunder UK
- 2018 *Visions of Science* bursary, Andrew Brownsword Gallery, The Edge, University of Bath
- 2017 *Light Night Leeds* bursary, University of Leeds & Light Night Leeds

#### Mentoring

- 2025 *Development of Who Am I?* with Shi Blank, *Untitled 2: City of Wonder*, Theatre in the Mill, Bradford
- 2024 *Brand direction & strategy* with Alexandra Lunn Studio, Mentoring Programme by Bradford Producing Hub
- 2024 *Unbound: Dynamic artists for public spaces development programme* with Peachzz by BEAM/YVAN, Online
- 2024 *Commercially viable work for galleries & collections* with Damon Jackson-Waldock, The Art House, Wakefield
- 2024 *Environmentally responsible touring models* with Becky Hazlewood, Julie's Bicycle, London (Online)
- 2024 *Sustainable international touring to light festivals* with George Harris, Light Up Lancaster (Online)
- 2024 *Sustainable international touring to exhibitions* with Kerry Harker, East Leeds Projects, Leeds (Online)
- 2023 *Creative advice for We Are Nature* with Roger Hiorns, London (Online)
- 2023 *Creative advice for We Are Nature* with Es Devlin, Es Devlin Studio, London (Online)
- 2023 *Creative advice for We Are Nature* with Elliot Woods, Kimchi and Chips, South Korea (Online)
- 2022 *Artist development* with curator Dr Clare Nadal, The Henry Moore Institute, Leeds
- 2022 *DYCP technical support* with Ben Eaton, Technical Director, Invisible Flock, (Online)
- 2021-22 *Artist development* with Ariane Koek (Curator/Producer/Founder of Arts at CERN), (Online)
- 2019 *Technical support for Inner Horizons* with international artist Yunchul Kim, Creators in Lab Art & Science Residency, Asia Culture Center, Gwangju, Republic of Korea