

Personal Details

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Place and date of birth: Athens, 18/5/1978

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Current Position

Assistant Professor in Digital Art at Department of Digital Arts and Cinema of National and Kapodestrian University of Athens (NKUA)

Self-employed & Co-founder of OneContinuousLab transdisciplinary art-science studio-lab funded in Athens in 2018, Greece

Self-employed & Co-founder of Stiwdio Everywhere, location-independent digital nomad art & design studio/project

Education & Qualifications

Ph.D European Jointly Supervised Ph.D. (Cotutelle) in AST: Art Sciences and Technologies at ACROE-ICA (Computer Arts Laboratory), Institut Polytechnique de Grenoble , France co-directed with the Speech Group, Informatics and Telecommunications, National and Kapodistrian University of Athens, Greece. Title: “Theory and Practice of Physical Modeling for Musical Sound Transformations: An Instrumental Approach to Digital Audio Effects Based on the CORDIS-ANIMA System”. Supervisors: Dr. Claude Cadoz and Dr. George Kouroupetroglou, 2008

Master Art Sciences and Technologies (1 year program): Institut Polytechnique de Grenoble, France, 2004

Master Electronic Automation (2 years program): National and Kapodistrian University of Athens, Department of Informatics and Telecommunications with the Department of Physics, Athens, Greece, 2006

Bachelors Degree Physics (4 years program): University of Ioannina, Department of Physics, Greece, 2000

Degree Harmony (teaching permit): Conservatory of Petroupoli, Athens, Greece, 2006

Degree Classical Guitar (teaching permit): Athens Conservatoire, studied under Costas Cotsiolis, Greece, 2003

Courses Master Acoustics, Signal Processing, and Computer Science Applied to Music (2 trimesters - 30 ECTS): compulsory externally attended courses for the Ph.D diploma at IRCAM / Sorbonne University, Paris, France, 2004-2005

Courses Music Composition (2 trimesters) Cardiff Center for Lifelong Learning, Cardiff University, UK, 2010 & 2011

Courses Music Composition (3 semesters) Conservatory of Grenoble, studied under Arnaud Petit, France, 2006-2007

Fab Academy Diploma, (1 semester) Digital Fabrication Program accredited by the Fab Foundation directed by Neil Gershenfeld, 2014

Academic Experience

- Sep 2017–Sep 2022** Senior Lecturer in Sound and Media Art (part-time) at Cardiff School of Art and Design, Cardiff Metropolitan University, Cardiff, UK
- Sep 20014–2016** Senior Lecturer in Music Technology at Cardiff School of Art and Design, Cardiff Metropolitan University, Cardiff, UK
- Sep 2013–2014** Lecturer in Music Technology at Cardiff School of Art and Design, Cardiff Metropolitan University, Cardiff, UK
- Sep 2009–2013** Lecturer in Music Production & Technology (BA/BSc) at Cardiff School of Art and Design, Cardiff Metropolitan University, Cardiff, UK
- Jul 2012** Visiting researcher, Institut für Sprache und Kommunikation, TUB Berlin, Germany
- Jul 2011** Visiting researcher, LABRI, France
- Jul 2010** Visiting researcher, CCRMA, Stanford University, USA
- Oct 2008–Present** Research collaborator, Speech and Accessibility Laboratory, National and Kapodistrian University of Athens, Greece
- Oct 2008–Nov 2008** Research Associate, ACROE-ICA, Grenoble-INP, France
- Oct 2007–Nov 2007** Visiting researcher, SPCL (AIRE CULTURELES funding), McGill University, Montreal, France
- May 2005–Jan 2006** Visiting researcher, Speech and Accessibility Laboratory (EGIDE funding), National and Kapodistrian University of Athens, Greece
- Sep 2001-Feb 2002** Teaching Assistant, Department of Physics, National and Kapodistrian University of Athens, Greece

Research Funding | Principal Investigator

- EASTN-DC European Art Science Technology Network for Digital Creativity** (project management, overall coordination and project implementation for Cardiff Metropolitan University) A four-year artistic project and a cultural network of 15 EU & International partners dedicated to time-based digital arts: Creative Europe - Culture Sub-programme (2014-2020) – 'Support to European cooperation projects – Larger scale cooperation projects', 1,374,788€, 2017-2022
- EASTN European Art Science Technology Network** (project management, overall coordination and project implementation for Cardiff Metropolitan University) A two-year artistic project and a cultural network of 5 EU partners, Culture Programme (2007-2013) - Budget 2013 - Cooperation Projects (Strand 1.2.1) 2007-2013, £200,000, 2014-2015
- More God Article** (principal investigator, academic partner) part of the REACT: Research and Enterprise in Arts and Creative Technologies project funded by Research And Enterprises in Arts and Creative Technologies - Arts and Humanities Research Council, £3,000, 2015
- Stem Cell Orchestra** (principal investigator) Welsh Crucible grant funded by a consortium of Welsh universities in partnership with the Higher Education Funding Council for Wales, £9,754, 2013-2015

Physical Modelling of Traditional Musical Instruments (principal investigator) research grant funded by EGIDE Service Recherche et Entreprises (France) and General Secretariat for Research and Technology (Greece): Projets Communs de Recherche et de Technologie, 12,400 €, 2006-2008

Research Funding | Co-Investigator

The God Article (co-investigator, affiliate academic partner) part of the REACT: Research and Enterprise in Arts and Creative Technologies project funded by Research And Enterprises in Arts and Creative Technologies - Arts and Humanities Research Council, £36,000, 2014

Quantum Music (co-investigator) Welsh Crucible grant funded by a consortium of Welsh universities in partnership with the Higher Education Funding Council for Wales, £6,895, 2013-2015

Multi-coloured Musical Magic Project (co-investigator), funded by University of Wales Institute Cardiff Research & Enterprise Investment Fund, £20,000, 2011-2012

Scholarships and Mobility Awards

Fab-Cre8 project (principal investigator,) Cardiff School of Art and Design internal grant, Cardiff Metropolitan University, £2,000, 2016

Santander Scholarship research mobility award at M.I.T - Boston, funded by Santander Universities, £1,000, 2015

Santander Scholarship research mobility award at the University of Porto - Portugal, funded by Santander Universities, £2,000, 2013

Strategic Insight Program SIP with Ableton company, short-term placement fund, funded by Higher Education Funding Council for Wales, £2250, 2013

Strategic Insight Program SIP with ACROE (Association pour la Création et la Recherche sur les Outils d'Expression), short-term placement fund, funded by Higher Education Funding Council for Wales, £2,100, 2011

Reverse Strategic Insight Program RevSIP with ACROE (Association pour la Création et la Recherche sur les Outils d'Expression), short-term placement fund, funded by Higher Education Funding Council for Wales Innovation and Engagement Fund, £1,500, 2010

Strategic Insight Program SIP with h.o.5.park snowpark company, funded by Higher Education Funding Council for Wales Innovation and Engagement Fund, £3,000, 2011

MIRA Ph.D research mobility award funded by Région Rhône-Alpes, France, 5,715 €, 2006

MIRA Ph.D research mobility award funded by Région Rhône-Alpes, France, 5,715 €, 2007

AIRE CULTURELES short-term placement grant at SPCL lab McGill University funded by Ministre de l'Enseignement supérieur et de la Recherche, France, 2,000€, 2016

Achievements

Research Excellence Framework 2021: inclusion in the Art & Design REF (UK's system for assessing the quality of research in UK higher education institutions) submission for CSAD

Research Excellence Framework 2014: inclusion in the Art & Design REF (UK's system for assessing the quality of research in UK higher education institutions) submission for CSAD

FHEA Fellow of the Higher Education Academy, Higher Education Academy, UK, 2013

Welsh Crucible 2013: selection for the programme of personal, professional and leadership development for the future research leaders of Wales, 2013

Best paper award : Sound and Music Computing Conference 2012 (Edgar Berdahl, Alexandros Kontogeorgakopoulos)

PhD Supervision and Examination

April 2016 Cardiff Metropolitan University, Internal Examiner, Ph.D, Hybrid Art candidate, Alise Piebalga

Sept 2014 - Sept 2016 Cardiff Metropolitan University, Co-Supervisor Ph.D, Media Art & Design, Emma Tanner

Teaching Experience

dissertations: DCARTS223 (30 ECTS Department of Digital Arts and Cinema of National and Kapodestrian University of Athens, 2 students): 2023

digital art creation workshop 2: DCARTS207 (6 ECTS Department of Digital Arts and Cinema of National and Kapodestrian University of Athens, sound and video installations): 2023

art and technology: DCARTS194 (5 ECTS Department of Digital Arts and Cinema of National and Kapodestrian University of Athens, theoretical module on technological art): 2022

digital art creation workshop 3: DCARTS191 (6 ECTS Department of Digital Arts and Cinema of National and Kapodestrian University of Athens, interactive art installations): 2022

advanced audio production techniques ESD327U (10 ECTS Music Production and Technology BA & BSc Cardiff School of Art and Design, music programming and sound synthesis in Max): 2009

composition toolkit MPT100 (10 ECTS Music Production and Technology BA & BSc Cardiff School of Art and Design, module leader, music theory and composition): 2009, 2010

sonic design MPT108 (10 ECTS Music Production and Technology BA & BSc Cardiff School of Art and Design, module leader, sound design in collaboration with other departments such as illustration/animation): 2009, 2010

computer music MPT212 (5 ECTS Music Production and Technology BA & BSc Cardiff School of Art and Design, module leader, sound synthesis & processing in Max): 2010, 2011

production techniques MPT 2015 (5 ECTS Music Production and Technology BA & BSc Cardiff School of Art and Design, module leader, music production skills): 2010, 2011

production project MPT213 (5 ECTS Music Production and Technology BA & BSc Cardiff School of Art and Design, module leader, music production project and composition): 2009, 2010, 2011

advanced audio engineering MPT314 (10 ECTS Music Production and Technology BSc Cardiff School of Art and Design, module leader, digital audio signal processing and programming in Faust): 2011, 2012

live and interactive sound design MPT316 (10 ECTS Music Production and Technology BA Cardiff School of Art and Design, module leader, live electronics & interactive composition): 2011, 2012

minor technical MPT310 (10 ECTS Music Production and Technology BSc Cardiff School of Art and Design, module leader, physical interaction design for music): 2011, 2012

minor creative project MPT312 (10 ECTS Music Production and Technology BA Cardiff School of Art and Design, module leader, physical interaction design for music): 2011, 2012

dissertation MPT308 (5 ECTS Music Production and Technology BA Cardiff School of Art and Design, dissertations supervision): 2011

- final technical project MPT300** (20 ECTS Music Production and Technology BSc Cardiff School of Art and Design, co taught - technical projects supervision: audio applications, new interfaces for musical expression etc): 2009, 2010, 2011, 2012
- final creative project MPT302** (20 ECTS Music Production and Technology BA Cardiff School of Art and Design, co taught - creative projects supervision: interactive art installations, compositions, soundtracks for films etc): 2009, 2010, 2011, 2012
- constellation level 4: academic skills seminars & option sonic arts ADZ499** (20 ECTS cross-school module Cardiff School of Art and Design, sonic arts history and theory): 2012, 2014, 2015
- constellation level 5: option Fab Bits Things Tones and Pixels ADZ599** (20 ECTS cross-school module Cardiff School of Art and Design, co-taught, theory - practice in media art & media design and dissertation preparation): 2013
- constellation level 5: option art-science ADZ599** (20 ECTS cross-school module Cardiff School of Art and Design, art-science theory and dissertation preparation): 2015
- constellation level 6: dissertations ADZ699** (20 ECTS cross-school module Cardiff School of Art and Design, dissertations supervision): 2014, 2015
- constellation level 5: design technologies ADZ5100** (20 ECTS Product Design BSc Cardiff School of Art and Design, co-taught, electronics and Arduino C programming): 2013
- constellation level 5: engineering science C2** (20 ECTS Product Design BSc Cardiff School of Art and Design, co-taught - module leader, electronics and Arduino C programming): 2014, 2015
- material projects: option sonic arts project ADZ4333** (20 ECTS Fine Art Cardiff School of Art and Design, co-taught, 5-week projects on sound art & sound composition): 2013, 2014, 2015
- field level 5: option kinetic environments and the internet of things F2** (20 ECTS cross-school Cardiff School of Art and Design, co-taught with 10h contribution, art & design projects related to the internet of things): 2014
- field level 5: option sounding things ADZ5888** (20 ECTS cross-school Cardiff School of Art and Design, co-co-taught with 10h contribution, projects on making simple electroacoustic musical instruments): 2014
- field level 5: option kinetic environments ADZ5888** (20 ECTS cross-school Cardiff School of Art and Design, co-taught with 10h contribution, projects on interactive art installations): 2014
- field level 5: option the real and the virtual meet in the internet of things ADZ5888** (20 ECTS cross-school Cardiff School of Art and Design, co-taught with 10h contribution, art & design projects on augmented reality):2014
- field level 5: option fab field how to make almost everything ADZ5888** (20 ECTS cross-school Cardiff School of Art and Design, co-taught with 10h contribution, art & design projects related to physical computing and digital fabrication):2015
- field level 5: option physical computing ADZ5888** (20 ECTS cross-school Cardiff School of Art and Design, co-taught with 10h contribution, art & design projects related to physical computing):2015
- field level 5: crossing the metaverse ADZ5888** (20 ECTS cross-school Cardiff School of Art and Design, co-taught with 20h contribution, art & design projects related to virtual and augmented reality: virtual worlds, galleries, virtual acoustics and soundscapes): 2020
- project design ADX7003** (cross-school addressed to all post-graduate courses Cardiff School of Art and Design, co-taught, project design): 2013
- research and ideas seminars lectures ART7005** (cross-school addressed to all post-graduate courses Cardiff School of Art and Design, co-taught, series of 2h lectures on various research topics): 2012, 2014, 2015

personal tutorials (Cardiff School of Art and Design, help and guidance for students to progress through their programme: approximately 20 students with 3 meetings per year) 2009-2015

field trips (Cardiff School of Art and Design) Berlin 2013, Berlin 2014, Morocco 2015

fablab course: digital fabrication and physical computing (3 months professional training course, co-taught -, St.Catherine's British School in Athens): 2020

Administrative Roles

Research Degrees School Committee 2015, 2016

Research Ethics School Committee 2014, 2015, 2016

Erasmus Facilitator 2013, 2014, 2015

Programme Director Music Production and Technology BA/BSc 2011, 2012, 2013

FabLab Operational Group 2015, 2016

Minor Roles student recruitment, admissions & interviews, open days, award boards, curriculum and module development 2009-2016

External Examination & Evaluation

L'Ecole Supérieure d'Art de La Réunion, La Réunion, External Examination, 2014

Department of Sound Technologies and Musical Instruments of TEI of Ionian Islands, External Evaluation, Greece, 2014

Festival Organisation

EASTN Cardiff Festival 3 days festival (co-ordinator and co-producer), Cardiff, UK, 2015

EASTN-DC Cardiff Festival 3 days hybrid festival (co-ordinator and co-producer - March 2022), Cardiff, UK, 2022

Journal Publications (Peer-Reviewed)

[J4] Alexandros Kontogeorgakopoulos, 2023 "Music, Art Installations and Haptic Technology (special issue Feeling the Future—Haptic Audio)". *Arts Journal* 2023 (12)

[J3] Leonard, James, Jérôme Villeneuve, and Alexandros Kontogeorgakopoulos, 2020 "Multisensory Instrumental Dynamics as an Emergent Paradigm for Digital Musical Creation". *Journal on Multimodal User Interfaces* 14, no. 3

[J2] Alexandros Kontogeorgakopoulos, Olivia Kotsifa, 2013 "My Content / My Space / My Music", *Organised Sound Journal* Vol18 (1), Cambridge University Press

[J1] Edgar Berdahl, Alexandros Kontogeorgakopoulos, 2013, "The FireFader: Simple, Open-Source and Reconfigurable Haptics for Musicians", *Computer Music Journal* 17(1)

Book Chapters (Peer-Reviewed)

[BC3] Cadoz, C., Luciani, A., Villeneuve, J., Kontogeorgakopoulos, A., & Zannos, I. 2023 (ready to be published in 2023), "Tangibility, Presence, Materiality, Reality in Artistic Creation with Digital Technology", book chapter in *Critical Issues on Music Technology in Contemporary Music Creation*, Kostarakis Scientific

[BC2] Alexandros Konteogergakopoulos, Robert Wechsler, Wendy Keay-Bright, 2013, "Motion Tracking and Arts for Persons with Motor Disabilities", book chapter in Assistive Technologies, Disability Informatics and Computer Access for Motor Limitations, IGI Global

[BC1] Alexandros Kontogeorgakopoulos and Georgios Kouroupetroglou, 2012 "Low Cost Force-Feedback Interaction with Haptic Digital Audio Effects" in E. Efthimiou, G. Kouroupetroglou and S. Fotinea (Eds) "Gesture and Sign Language in Human-Computer Interaction and Embodied Communication", Lecture Notes in Computer Science, Vol. 7206, pp. 48-57, Springer-Verlag

Conference Papers (Peer-Reviewed)

[C20] Odysseas Klisouras, Alexandros Kontogeorgakopoulos, George Siorros 2022, "Elastic Transformations: a Graphical Rhythm Transformation Process", in the Proceedings of International Computer Music Conference ICMC, Limerick, Ireland

[C19] Alexandros Kontogeorgakopoulos, Odysseas Klisouras, 2021, "Temporal-Transformations-and-Spatial-Explorations-in-Sound-Light-Art", in the Proceedings of International Computer Music Conference ICMC, Santiago, Chile

[C18] Alexandros Kontogeorgakopoulos, Odysseas Klisouras, 2020, "01101110: An Audiovisual Installation Based on the Cellular Automaton Rule 110", in the Proceedings of Sound and Music Computing Conference SMC20, Turin, Italy

[C17] Alexandros Kontogeorgakopoulos, George Siorros, Odysseas Klisouras, 2019, "Mechanical Entanglement: A Collaborative Haptic-Music Performance", in the Proceedings of Sound and Music Computing Conference SMC19, Malaga, Spain

[C16] Alexandros Kontogeorgakopoulos, Olivia Kotsifa 2019, "Game|lan:Co-creating and co-designing an Orchestra of Digital Musical Instruments within the Fab Lab Network", in the Proceedings of Linux Audio Conference 2019, CCRMA, Stanford University, USA

[C15] Alexandros Kontogeorgakopoulos, Daniel Burgarth 2014, "Sonification of Controlled Quantum Dynamics", in the Proceedings of International Computer Music Conference - Sound and Music Computing Conference ICMC-SCM2014, Athens, Greece

[C14] Cadoz, C., Luciani, A., Villeneuve, J., Kontogeorgakopoulos, A., & Zannos, I. 2014, "Tangibility, Presence, Materiality, Reality in Artistic Creation with Digital Technology", in the Proceedings of International Computer Music Conference - Sound and Music Computing Conference ICMC-SCM2014, Athens, Greece

[C13] Edgar Berdahl, Alexandros Kontogeorgakopoulos, 2012. "The FireFader Design: Simple, open-source, and reconfigurable haptics for musicians". In Proceedings of the ninth Sound and Music Computing Conference (pp. 90-98).

[C12] Edgar Berdahl, Alexandros Kontogeorgakopoulos, 2012, "Engraving-Hammering-Casting: Exploring the Ergotic Medium for Live Musical Performance", in the Proceedings of International Computer Music Conference ICMC2012, Ljubljana

[C11] Jon Pigott, Alexandros Kontogeorgakopoulos, 2011 "Physical Thinking: Two Approaches to Mechanical Sound Design", in the Proceedings of International Computer Music Conference ICMC2011, UK

[C10] Alexandros Kontogeorgakopoulos, Olivia Kotsifa, Mathias Erichssen, 2011, "From Snow to Space to Movement to Sound", in the Proceedings of Sound and Music Computing Conference SMC11, Italy

[C9] Alexandros Kontogeorgakopoulos, Giorgios Kouroupetroglou, 2011, "Simple Cases of Low Cost Force-Feedback Haptic Interaction with Haptic Digital Audio Effects", 9th International Gesture Workshop, Athens, Greece

- [C8] Edgar Berdahl, Alexandros Kontogeorgakopoulos, Dan Overholt 2010, "HSP v2: Haptic Signal Processing with Extensions for Physical Modeling", 5th International Workshop on Haptic and Audio Interaction Design HAID, Copenhagen, Denmark
- [C7] Alexandros Kontogeorgakopoulos, Panagiotis Tzevelekos, Claude Cadoz, Georgios Kouroupetroglou, 2008, "Using the CORDIS-ANIMA Formalism for the Physical Modeling of the Greek Zournas Shawm", in the Proceedings of International Computer Music Conference ICMC2008, Northern Ireland
- [C6] Alexandros Kontogeorgakopoulos, Claude Cadoz, 2008, "Designing and Synthesizing Delay-Based Digital Audio Effects Using the CORDIS-ANIMA Physical Modeling Formalism", in the Proceedings of Sound and Music Computing Conference SMC08, Germany
- [C5] Alexandros Kontogeorgakopoulos, Claude Cadoz, 2008, "Amplitude Modification Algorithms using Physical Models", in the Proceedings of 124 Audio Engineering Society Convention, The Netherlands
- [C4] Alexandros Kontogeorgakopoulos, Claude Cadoz, 2007, "Filtering Within the Framework of the Mass-Interaction Physical Modelling and of Haptic Gestural Interaction", in the Proceedings of Digital Audio Effects DAFX07, France
- [C3] Alexandros Kontogeorgakopoulos, Claude Cadoz, 2007, "Physical Modelling as a Proposed Framework for the Conception, the Design and the Implementation of Sound Transformations", in the Proceedings of International Computer Music Conference ICMC2007, Denmark
- [C2] Alexandros Kontogeorgakopoulos, Claude Cadoz, 2007, "Cordis Anima Physical Modelling and Simulation System Analysis", in the Proceedings of Sound and Music Computing Conference SMC07, Greece
- [C1] Alexandros Kontogeorgakopoulos, Claude Cadoz, 2005, "Digital Audio Effects and Physical Modelling", in the Proceedings of Sound and Music Computing Conference SMC05, Italy

Conference Publications - Abstracts only (Peer-Reviewed)

- [CA5] I. Khan, D. Sivell, N. Stephens, N. White, R.J. Errington and A. Kontogeorgakopoulos, 2015, "The Stem Cell Orchestra – A Non- narrative Approach to Communicate Experimental Processes (abstract)", 30th Congress of the International Society for Advancement of Cytometry, Glasgow, Scotland
- [CA4] Mike Dilmore, Alexandros Kontogeorgakopoulos, 2012 "Touch Screen Gestures: Towards a New Control Paradigm for Digital Musical Instruments", in the Proceeding of Live Interfaces: Performance, Art, Music Conference, University Of Leeds, UK
- [CA3] Olivia Kotsifa, Alexandros Kontogeorgakopoulos, 2011, "Interactive Music and Architectural design for a Snowpark Event (abstract)", 2nd Annual International Conference on Visual and Performing Arts, Athens, Greece
- [CA2] Alexandros Kontogeorgakopoulos, 2010, "Control of Digital Audio Effects in Sonic Art: Command or Interaction? (abstract)", Electroacoustic Symposium Sonic Artists in Wales SAW2010, Royal Welsh College of Music and Drama, Cardiff, UK
- [CA1] Alexandros Kontogeorgakopoulos, Claude Cadoz, 2008, "Interfacing Digital Waveguide with CORDIS-ANIMA Networks", Acoustics08, France

Other Publications

- [O2] Alexandros Kontogeorgakopoulos, 2016, "Musical Compositions and Algorithms of Force Feedback Systems", Symposium on Force Feedback and Music, McGill University, Canada, 2016
- [O1] Alexandros Kontogeorgakopoulos, 2014, "Touching electronic music: Haptic Digital Musical Instruments", Western Mail, 10 Feb.

Audiovisual Compositions [10]

Refractions (30'), dance music-light performance with Odysseas Klissouras and in collaboration with Aktina dance School, 2022

Cubes (untitled) (work in progress, ca 10'), interactive dance performance in collaboration with Costantino Mass and Costantina, 2022

Fractions (ca 60'), live audiovisual composition - experimental Dj/Vj performance in collaboration with George Kontos and Odysseas Klissouras, 2021

Fragments, a series of one minute compositions for abstract videos or still images, 2020-

Air of Rhythms - Hand Series, a study based on the customary designed *Skin of Air* instrument - an air based sonic tactile instrument for haptic rhythm sensing - in collaboration with the instrument developer Odysseas Klissouras, 2016

Talandon (ca. 10'), interactive music-light composition for custom designed-made digital musical instrument, 2015

Cells (ca.10'), interactive audiovisual composition for Gamelan orchestra in collaboration with Cardiff Gamelan Ensemble, Aris Bezas and Tobiasz Wasyliszyn, 2015

Metronom V2 (ca.7'), live audiovisual composition for custom made haptic faders, 2014

Metronom V1 (ca.7') live audiovisual composition for custom made haptic faders and audio feedback, 2013

s0'32" / 9'06" (8') live audiovisual composition for keyboard, 2011

Audiovisual Art Installations [14]

Words Under Construction, generative multichannel video installation, 2023

MINUS, site specific interactive sound-light installation with Odysseas Klissouras, 2023

person:p3:sn, sound-light installation with Odysseas Klissouras, 2023

Mirrors of Time, interactive installation with Odysseas Klissouras, 2022

In (x,y), participatory sound-light installation and composition based on locative audio with Odysseas Klissouras, 2022

text/ure, participatory art installation based on algorithmic design in collaboration with Odysseas Klissouras, 2022

Liminal [Space], interactive audiovisual installation in collaboration with Odysseas Klissouras, 2022

Boundary Conditions, site specific interactive installation and Dj set and in collaboration with Odysseas Klissouras, 2021

1/x, sound-light installation in collaboration with Odysseas Klissouras, 2020

01101110 interactive audio-visual installation in collaboration with Odysseas Klissouras, 2019

Quantum Music #002 audio-visual installation in collaboration with Daniel Burgarth, 2018

Instrumental Gaitanaki interactive art installation in collaboration with Olivia Kotsifa (lead artist), 2015

Secret Garden interactive sound-light installation in collaboration with Olivia Kotsifa, 2015

Tangible Sounds / Tangible Portraits interactive audiovisual installation in collaboration with Aris Bezas and Jérôme Villeneuve, 2014

Experimental Compositions [7]

Sonate (mod n) (ca. 20') spatial composition for piano remixing the 32 Beethoven sonatas, 2020

Mechanical Entanglement (ca.30') live composition for three virtually connected custom made haptic faders in collaboration with Odysseas Klissouras and George Siorros, 2016

Quantum Music #001 (ca. 8' - appears also as sound installation) algorithmic composition for piano in collaboration with Daniel Burgarth, 2015

Equal = (ca. 4') composition for hackable instrument D-Box, 2014

Engraving Hammering Casting (ca. 6') electroacoustic composition for two haptic interfaces in collaboration with Edgar Berdahl, 2013

Points... electroacoustic composition for acoustic guitar, 2012

ebgdae (ca. 9') live electroacoustic composition for electric guitar, 2010

Sound Installations [6]

Temno interactive outdoors sound installation, 2019

Waiting for Response sound installation in collaboration with Odysseas Klissouras (contributing musicians for the Resonant Exhibition at the Jewish Museum, Berlin, Germany), 2017

Cera/Mic (work in progress), sound installation with Odysseas Klissouras and Ingrid Murphy, 2016

Quantum Music #001 (ca. 8' - appears also as performance) algorithmic composition - installation for piano in collaboration with Daniel Burgarth, 2015

Semantron augmented digitally fabricated musical instrument - sound sculpture in collaboration with Olivia Kotsifa, 2014

Please Do not Touch interactive sound sculpture - painting, 2011

Interactive Sonic Environments [3]

Melodic Walk interactive sonic environment - miniature composition based on motion-tracking for people with disabilities, 2012

snow/space/movement/sound interactive snow-park in the French Alps in collaboration with Olivia Kotsifa and H.O.5.park, 2011

Cocktails and sounds a prototype - presentation of an interactive music bar, 2010

Music for Films & Theatre [3]

Μια Πολυθρόνα στο Δάσος (short-film - theatrical play), soundtrack - original composition and sound design, 2012, European Conference in Play Therapy and Drama Therapy 2012, Athens, Greece

Σκηνές από Ένα Κόσμο Νεκρό (theatrical play), seven original compositions from Testudos Can (Vangelis Tsitsanis, Alexandros Kontogeorgakopoulos, Aristides Limneos), 2006, 3ο Πανελλήνιο Φεστιβάλ Φοιτητικών Θεατρικών Ομάδων, Athens, Greece

Πέτρα σε Σχήμα Καρδιάς (theatrical play), two original compositions from Testudos Can (Vangelis Tsitsanis, Alexandros Kontogeorgakopoulos, Aristides Limneos), 2005

Electronica [3 EPs]

Time two compositions for cello and double bass written in 2018 & 2019, EP to be released on Bandcamp on Sep 2021

Before three ambient compositions written and produced in in the period 2010-2018, EP to be released on Bandcamp on Sep 2021

Random three quirky synth-pop compositions written and produced in 2018, EP to be released on Bandcamp on Sep 2021

Rain in Bali a composition based on the rainy soundscape of Bali written and produced in 2019, Single to be released on Bandcamp on Sep 2021

Digital Musical Instruments & Interfaces [6]

Haptic Fader Board, PCB design and fabrication in collaboration with Stas Vrenko, 2019

Game|Lan digitally fabricated digital musical instrument - sound sculpture in collaboration with Olivia Kotsifa, 2018

Haptic Fader Enclosure haptic interface design and fabrication in collaboration with Odysseas Klissouras, 2017

The God Article augmented 3D printed Ney in collaboration with, John O'Connell, Ant Mace, Aris Bezas, Olivia Kotsifa and Stefan Goodchild, 2015

Semantron augmented digitally fabricated musical instrument in collaboration with Olivia Kotsifa, 2014

Firefader open-source software and hardware haptic technology in collaboration with Edgar Berdahl (the principal investigator and developer), 2013-

Software / Hardware [6]

microbit interactive educational projects, educational creative projects on programming and fabrication in collaboration with Olivia Kotsifa, 2021

Elastic Transformations, a graphical rhythm transformation application in collaboration with Odysseas Klissouras (the principal investigator and developer), 2021

Audio Skylines A digital audio effect application based on waveform clipping in collaboration with Odysseas Klissouras, 2017

Midi Lights a MIDI processing device in order to control and program the lights of the Berlin band Black Cheetahs in collaboration with Odysseas Klissouras, 2017

OSHA open source haptics for artists open-source software and hardware haptic technology in collaboration with Edgar Berdahl, 2013-

Haptic Digital Audio Effects a series of multi sensory - haptic digital audio effect algorithms, 2008-

Selected Performances and Exhibitions

Sep 2023 *text/ure* [exhibition] Galerie Artler | Weighty Matters !, Lübeck, Germany

Sep 2023 *Words Under Construction*, [exhibition] The Holy Art Gallery | Art on Loop London-Athens, Athens, Greece & London,UK

June 2023 *MINUS*, [exhibition] Back to Athens 10 International Art Meeting 2023 | Geometry of Racional, Athens, Greece

Jan 2023 *Liminal [Space]* [exhibition] Local Infection of the Cosmopolitan (Cheapart), Athens, Greece

Jan 2023 *person:p3:sn*, [exhibition] Athens Conservatoire, Greece

Dev 2022 *mirror of time*, [exhibition], Athens Conservatoir, Greece

- Nov 2022** *Refractions*, [performance], Art & Science Micro Forum 2 : Atmospheres, Athens, Greece
- July 2022** *1/x*, [exhibition] International Computer Music Conference ICMC, Limerick, Ireland (accepted for exhibition)
- May 2022**, *In (x,y)* [exhibition] 15th Audiovisual Arts Festival 2022, Corfu, Greece
- April 2022** *text/ure* [exhibition] METS FEST 2022 - MUSIC ON THE (W)EDGE - Festival Europeo di Creatività Digitale, Cuneo, Italy
- Mar 2022** *text/ure* [exhibition] matte(R)ealities Festival, Cardiff School of Art and Design, Cardiff, Wales, UK
- Dec 2021** *Dj++ / Boundary Conditions*, [exhibition - concert] EMST National Museum of Contemporary Art Athens, Athens, Greece
- Nov 2021** *Fractions*, [concert] Musica Viva 2021, Lisbon, Portugal
- Jun 2021** *Fractions*, [concert] 14th Audiovisual Arts Festival, Avarts, Corfu, Greece
- Sep 2020** *1/x*, [exhibition] Osno/za Gallery Space, Ljubljana, Slovenia
- Aug 2019** *Temno*, [exhibition] PIFcamp, Soča, Slovenia
- May 2019** *01101110*, [exhibition] Mediology Aalborg University, Copenhagen, Denmark
- Mar 2019** *01101110*, [exhibition] Ljudmila Art and Science Laboratory, Ljubljana, Slovenia
- Jun 2018** *Quantum Music #002*, [exhibition] Manchester University 2018, Manchester, UK
- Nov 2017** *Haptic Fader Enclosure*, [exhibition/workshop] Loop Festival, Berlin, Germany
- Nov 2017-Nov 2019** *Waiting for Response*, [exhibition] part of Resonant Exhibition, 2017, Jewish Museum, Berlin, Germany
- Jun 2016** *Mechanical Entanglement*, [concert] Made Gallery, Cardiff, UK
- Nov 2015** *The God Article*, [exhibition] The Rooms Festival, Bristol, UK
- Nov 2015** *Quantum Music #001*, [concert] Art Science Technologie Festival, Grenoble
- Nov 2015** *Semantron*, [exhibition] Art Science Technologie Festival, Grenoble
- Nov 2015** *Talandon*, [concert], Art Science Technologie Festival, Grenoble
- Oct 2015** *Talandon*, [concert], M.A.D.E gallery, Cardiff, UK
- Oct 2015** *Semantron*, [exhibition], M.A.D.E gallery, Cardiff, UK
- Sep 2015** *Talandon*, [concert] GLOBALE: Tangible Sound Festival, ZKM, Karlsruhe, Germany
- Jun 2015** *Metronom V2*, [concert] International Conference on New Interfaces for Musical Expression 2015, Baton Rouge, Louisiana
- May 2015** *s0'32" / 9'06"*, [concert] Musica Viva 2015, Lisbon, Portugal
- May 2015** *Secret Garden*, [exhibition/workshop] Festival Musica Viva 2015, Lisbon, Portugal
- May 2015** *Quantum Music #001*, [concert] Avarts Festival 2015, Corfu, Greece
- Mar 2015** *Cells*, [concert] Cardiff University, Cardiff, UK
- Mar 2015** *Quantum Music #001*, [exhibition] Athens Science Festival
- Oct 2014** *Equal =*, [concert] Queen Mary University of London, London, UK
- Sep 2014** *Engraving Hammering Casting*, [concert] International Computer Music Conference - Sound and Music Computing Conference ICMC-SCM2014, Athens, Greece
- Jul 2014** *Instrumental Gaitanaki*, [exhibition] Tsepelovo, Greece

- Jul 2014** *Tangible Sounds / Tangible Portraits*, [exhibition] Tsepelovo Art Gallery, Greece
- Jul 2014** *Metronom V2*, [concert] 10th International Fab Lab Conference and Fab Lab Festival, Barcelona, Spain
- Apr 2014** *ebgdae*, [concert] Cardiff School of Art and Design student union, Cardiff, UK
- Sep 2014** *The God Article*, [exhibition] Christie's Gallery, London Design Festival, London, UK
- Oct 2013** *Metronome V2*, [concert] INTIME 2013 Symposium, Coventry University, Coventry, UK
- May 2013** *Metronome V1*, [concert] Arcade Cardiff Gallery, Cardiff UK
- Mar 2013** *s0'32" / 9'06*, [concert] Milgi's Bar - Art and Science evening, Cardiff, UK
- Mar 2013** *s0'32" / 9'06*, [concert] ASTi Art Science Technology Innovation Workshop, U Artstow art centre, Warsaw, Poland
- Oct 2012** *Engraving Hammering Casting*, INTIME 2012 Symposium, Coventry University, Coventry, UK
- Nov 2012** *Μια Πολυθρόνα στο Δάσος*, [screening] European Conference in Play Therapy and Drama Therapy 2012, Athens, Greece
- Mar 2012** *Melodic Walk*, [concert] 1st Motion Composer Workshop, Bauhaus University Weimar
- April 2011** *snow/space/movement/sound*, [exhibition-demonstration] Méribel snowpark, France
- Feb 2010** *improvised electric guitar and custom DAFX*, [concert]1st MANTIS Battle of Gestures and Textures 2010, [concert] NOVARS Research Center, University of Manchester, Manchester, UK
- May 2006** *Σκηνές από ένα κόσμο νεκρό*, [soundtrack for the performance] 3ο Πανελλήνιο Φεστιβάλ Φοιτητικών Θεατρικών Ομάδων, Athens, Greece
- Jun 2005** *Πέτρα σε Σχήμα Καρδιάς*, [soundtrack for the performance] Πειραματική Σκηνή του Εθνικού Θεάτρου, Athens, Greece

Scholarly and Peer Reviews

- Audio Mostly Conference 2022 Program Committee
- New Interfaces for Musical Expression 2022 Paper Review Committee
- Sound and Music Computing Conference 2022 Artistic Committee
- Sound and Music Computing Conference 2021 Artistic Committee
- Leverhulme Trust Research Project Grants 2020 UK: Grant Review
- Audio Mostly Conference 2020 Technical Committee
- Sound and Music Computing Conference 2020 Technical Committee
- Sound and Music Computing Conference 2019 Technical Committee
- International Conference on New Music Concepts 2019 Technical Committee
- Audio Mostly Conference 2017 Artistic Committee
- Journal of the Audio Engineering Society's Special Issue on "Augmented and Participatory Sound and Music Interaction Using Semantic Audio" 2017
- International Conference on New Music Concepts 2016 Technical Committee
- International Conference on New Interfaces for Musical Expression 2015 Artistic Committee
- International Conference on New Music Concepts 2015 Technical Committee

International Computer Music Conference - Sound and Music Computing Conference 2014 Scientific Committee

Gesture and Sign Language in Human-Computer Interaction and Embodied Communication, Lecture Notes in Computer Science, Vol. 7206

International Conference on Enactive Interfaces 2007

Workshops

June 2023 *Discovering the future: Digital design and local materials*, Plásmata II: Ioannina, Greece

June 2021 *Just Sounds : Workshop on Making Music with Sounds (2 days workshop)*, Danish Refugee Council - Schisto Refugee Camp, Attica, Greece

August 2019 *Making Interactive Sound Installations with the Bela Platform*, PIFcamp, Soča, Slovenia

May 2019 *Haptic Interaction in Music (2 days workshop)*, University of Oslo RITMO Centre, Oslo, Norway

March 2019 *Haptic Fader*, Ljudmila Art and Science Laboratory, Ljubljana, Slovenia

Sep 2018 *Arduino Workshop for an Interactive Artistic Project (2 days workshop)*, Decode Fabrication and Research Lab Athens, Greece

May 2017 *Workshop on Prototyping Digital Musical Instruments (in collaboration with Olivia Kotsifa)*, Fab Lab Lima, Lima, Peru

Nov 2017 *Workshop on Haptics and Music*, Loop Festival Ableton, Berlin, Germany

Dec 2016 *Force Feedback and Music (in collaboration with Edgar Berdahl)*, McGill University CCRMIT, Montreal, Canada

May 2015 *Learning to Program Haptic Interactions using Max: Applications With Sound (in collaboration with Edgar Berdahl)* NIME 2015 Louisiana State University, Baton Rouge, Louisiana

Jul 2015 *Secret Garden: Making and Interactive Audiovisual Installation (in collaboration with Olivia Kotsifa)*, Festival Musica Viva 2015, Lisbon, Portugal

Jul 2014 *Learning to Program Haptic Interactions using Max: Applications With Sound (in collaboration with Edgar Berdahl)*, NIME 2014 Goldsmiths, University of London, London, UK

Sep 2014 *Digital Fabrication For Digital Musical Instruments (in collaboration with Olivia Kotsifa, Anastasia Pistofidou and Aris Bezas)*, ICMC-SMC 2014, National and Kapodistrian University of Athens , Athens, Greece

Dec 2006 *Physical Modelling for Sound Synthesis and Musical Composition (4 days workshop in collaboration with Claude Cadoz)*, Department of Informatics and Telecommunications, National and Kapodistrian University of Athens , Athens, Greece

Artistic Residencies

April-May 2022 Department of Audiovisual Arts, Ionian University, Corfu, Greece

May 2022 Novars Research Centre, The University of Manchester

Jan-March 2019 Ljudmila Art and Science Laboratory, Ljubljana, Slovenia

Sep 2015 ZKM, Karlsruhe, Germany

Non-Conference Presentations and Lectures

May 2022 NOVARS research centre at the Music Department of Manchester University, Manchester

April 2022 METS - Conservatorio di Cuneo and Conservatorio Ghedini Cuneo

June 2020 Science +Technology +Arts (Starts) Academies, online invited talk

Nov 2019 Royal College of Music, Stockholm, Sweden

May 2019 University of Oslo RITMO Centre, Oslo, Norway

May 2019 Medialogy Aalborg University, Copenhagen, Denmark

Mar 2019 Center for Computer Research in Music and Acoustics CCRMA, Stanford University, USA

Jan 2019 Ljudmila Art and Science Laboratory, Ljubljana, Slovenia

Jun 2018 Manchester University, Manchester, UK

May 2018 Universidad Nacional de Colombia sede Medellin, Colombia

May 2018 El Paradero Cultural Art-Science centre, Lima, Peru

May 2018 Fab Lab Lima, Lima, Peru

Apr 2018 Fab Lab University of Chile, Santiago, Chile

Nov 2017 Loop Festival Ableton, Berlin, Germany

May 2017 Dojo co-working space, Bali, Indonesia

Feb 2017 Fab Lab Impact, Mexico City, Mexico

Nov 2016 Symposium on Force Feedback and Music, CIRMMT McGill University, Canada

Feb 2016 Music Interaction Design Symposium, Birmingham Conservatoire, Birmingham, UK

Oct 2015 Wild Hack, Haverfordwest, UK

Sep 2015 GLOBALE: Tangible Sound, ZKM, Karlsruhe, Germany

Jul 2015 Broad Institute MIT-Harvard, Boston, USA

May 2015 Festival Musica Viva 2015, Lisbon, Portugal

May 2014 Institute for Advanced Architecture of Catalonia, Barcelona, Spain

Oct 2014 School of Medicine, Cardiff University, UK

Sep 2011 Medialogy, Aalborg University, Esbjerg, Denmark

Jul 2010 Center for Computer Research in Music and Acoustics CCRMA, Stanford University, USA

Attended Seminars / Courses / Workshops / Summer Schools

Jan-June 2013 **Welsh Crucible**, programme of personal, professional and leadership development for the future research leaders of Wales

Jul 2010 Workshop on "New Music Controllers", CCRMA, Stanford University, USA

Jul 2010 Workshop on "Sound Art Installation", CCRMA, Stanford University, USA

Feb 2010 Workshop on "Artistic Interactive Applications: EyesWeb Week 2010", InfoMus, University of Genoa, Italy

Jul 2007 Composition Summer Workshop ARC ACROE/CNR at ZKM (Center for Art and Media Karlsruhe), Karlsruhe, Germany

Jun 2007 Summer School on “Sound Arts and Technologies”: lectures by A. Bentley, J. Chadabe, C. Roads, Department of Music Studies, Ionian University, Corfu, Greece

Jul 2006 Summer School on “Sound Arts and Technologies”: lectures by T. Wishart, J. Harisson, D. Rosenboom, F. Delalande, Department of Music Studies, Ionian University, Corfu, Greece

Sep 2006–Jun 2007 Music Composition Workshop ARC ACROE/CRR (Conservatory of Grenoble), Grenoble, France

Jul 1994, 1995, 1996, 2002 International Guitar Festival, Volos, Greece

Technical Skills

Creative Programming Max & Max4Live, Pure Data, Processing, HTML & CSS

Embedded Computing Arduino (C/C++), micro:bits, Bela board (based on BeagleBone Black)

Programming C, Matlab, Faust

Computer-Aided-Design, Electronic Design Eagle, Fritzing, Rhino 3D, Grasshopper 3D

Digital Fabrication 3D printers, CNC machines, Laser cutters, Vinyl cutters, PCB boards milling and assembly (Fab Academy Diploma 2014)

Music Software Ableton Live, Sibelius, Genesis

Other Applications LaTeX, Inkscape, Microsoft Office

Spoken Languages

- Greek: native speaker
- English: fluent spoken written
- French: fluent spoken written
- German: beginner

Interests and Activities

- Indie bands (since 1991), Djing (resident Dj in Greece and in France since 1999), Cardiff gamelan ensemble (2012-2016)
- Multi-instrumentalist: classical / acoustic /electric guitar, bass guitar, piano, keyboards - controllerism, NIME (New Interfaces for Musical Expression), saxophone, gamelan instruments (Saron, Bonang, Gong, Gendér, Slenthem, Demung, Peking, Kethuk/Kempyang)
- Sports: climbing-hiking, tennis, snowboarding, kite surfing, surfing
- Yoga, meditation
- Leisure: traveling, scouting, traditional greek dances, dancing, literature