



## Lect. PhD Konstantinos Vasilakos

### Personal Information

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### International Researcher IDs

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Yoksis Researcher ID: 277095



### Biography

Dr. Konstantinos Vasilakos (<https://konvas.netlify.app>) born in Athens, Greece, is a lecturer and interdisciplinary artist working in the milieu of Sonic Arts. He is based in Istanbul where he leads the Sonic Arts postgraduate studies path at the Center for Advanced Studies in Music (MIAM) at Istanbul Technical University. He has contributed to the expansion of the curriculum of the program introducing courses that elaborate on Interactive sound and non-linear composition.

He is the founder of the Istanbul Coding Ensemble, a research group with postgraduate students focussing on collective improvisation using networked music systems and live coding. His performances span across various music paradigms from Algorave to Computer, and Electroacoustic music genres. His courses focus on the creation of interactive media for algorithmic composition and sound art and multimedia design for interactive sound installations. His research interests include sonification, new instruments for musical expression, and live coding.

He is the author of numerous publications that focus on state-of-the-art practices in the field of Sonic and Sound Art. He has developed projects that entail multidisciplinary work involving real-time sound design such as [IPSOS](#) and [Lick the Toad](#), the former used as an educational outreach platform, which was commissioned by art@CMS, at CERN for training teachers/educators in experimental particle physics through sound, and the latter using machine learning deployed to investigate in technology-mediated audience participation of musical performance. Therefore, his collaborations span across projects that stem from the ongoing dialogue between art and science, and as such, he has participated in various interdisciplinary projects such as ACROE-ICA, at Grenoble University, and the European Organization for Nuclear Research, at CERN, in Switzerland.

Finally, he is a member of the [Hellenic Electroacoustic Music Composers Association](#), and a member of the [Birmingham Ensemble for Electroacoustic Research](#), in the UK. He has a Ph.D. in Music from Keele University, UK, and a Masters in Music from Utrecht School of Arts, in The Netherlands. His works are presented in various academic and non-academic settings internationally such as France, Canada, the Netherlands, Germany, the Czech Republic, Greece, Switzerland, Turkey, the United Kingdom, and South America (Chile and Brazil).

### Education Information

2011 - 2016	Doctorate, University of Keele, Humanities and Social Sciences, Music and Music Technology, England
2009 - 2011	Postgraduate, Hogeschool voor Kunsten Utrecht, Kunst Media and Technologie, Kunst Media and Technologie, Netherlands
2008 - 2009	Competence In Art, Music Theory and Jazz Arrangement, Private Lessons with George Katsanos (Berkley School of Music), Greece
2007 - 2009	Undergraduate, University of Central Lancashire, Arts and Media, Music Production & Performance, England
1997 - 1998	Competence In Art, Acharnes Municipality Music School, Classical Guitar Lessons, Greece

## Foreign Languages

Turkish, B1 Intermediate English, C1 Advanced Russian, A2 Elementary Greek, C2 Mastery

## Certificates, Courses and Trainings

2018	Music Technology, Other, Hellenic Republic/National Accreditation of Vocational Studies
2012	Music Technology, Vocational Training, Aegean Omiros College
2005	Music Technology, Vocational Training, IIEK Omiros College

## Dissertations

2016	An Evaluation of Digital Interfaces for Music Composition and Improvisation, University of Keele, Department of Music and Music Technology, Doctorate
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## Research Areas

Art, Music, Composition, Music Sciences, Human Computer Interaction, Software

## Academic Titles / Tasks

2018 - Continues	Lecturer PhD, Istanbul Technical University, Lisansüstü Eğitim Enstitüsü, MIAM
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## Courses

2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019	Multimedia Design, Postgraduate
2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019	Advanced Audio Programming, Doctorate
2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019	Audio Programming, Postgraduate

2023 - 2024, 2022 -	
2023, 2021 - 2022,	Advanced Multimedia Design, Doctorate
2020 - 2021, 2019 -	
2020, 2018 - 2019	
2023 - 2024, 2022 -	
2023, 2021 - 2022,	Preparatory Studies in Sonic Arts, Postgraduate
2020 - 2021, 2019 -	
2020, 2018 - 2019	
2023 - 2024, 2022 -	
2023, 2021 - 2022,	Interactive Sound Composition, Postgraduate
2020 - 2021, 2019 -	
2020	
2021 - 2022, 2020 -	
2021, 2019 - 2020,	Contemporary Practices in Sonic Arts, Doctorate
2018 - 2019	
2018 - 2019	Electronic Music Composition, Postgraduate

## Designed Lessons

2022 - 2023	Vasilakos K., Interactive Music Composition, Postgraduate
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## Research Infrastructure Information

June 2018	Vasilakos K., Sevilgen S., Dagdeviren O., Istanbul Coding Ensemble
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## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Free as in BEER: Some explorations into structured improvisation using networked live-coding systems**  
Wilson S., Lorway N., Coull R., Vasilakos K., Moyers T.  
Computer Music Journal, vol.38, no.1, pp.54-64, 2014 (SCI-Expanded)

## Articles Published in Other Journals

- I. **A Networked Hybrid Interface for Audience Sonification and Machine Learning**  
Vasilakos K.  
REVISTA VÓRTEX, vol.10, pp.0-5, 2022 (ESCI)
- II. **Exploring Live Coding as Performance Practice**  
VASILAKOS K.  
Porte Akademik, vol.21, pp.21-37, 2021 (Peer-Reviewed Journal)
- III. **GREAP: AN INTERACTIVE SYSTEM FOR GESTURAL MANIPULATION OF SONIC MATERIAL USING A LEAP MOTION DEVICE**  
VASILAKOS K.  
Porte Akademik, 2018 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Alternative IDEs for SuperCollider**

Vasilakos K.

in: The SuperCollider Book. Volume 2, 2nd Edition, Scott Wilson, Nick Collins, David Cottle, Editor, The MIT Press, Cambridge (MA), USA, Massachusetts, pp.0-8, 2024

## Refereed Congress / Symposium Publications in Proceedings

- I. **Live Coding in the Time of COVID**  
Vasilakos K., Wilson S., Sevilgen S.  
ICLC2022, 20 January 2022, pp.0-5
- II. **Lick the Toad: a web-based interface for collective sonification**  
Vasilakos K.  
Anais do XVIII Simpósio Brasileiro de Computação Musical (SBCM 2021), 24 October 2021, pp.178-188
- III. **Showcase Lick The Toad NIME 2021. NIME 2021**  
Vasilakos K.  
International Conference on New Interfaces for Musical Expression, Shanghai, China, 14 - 18 June 2021
- IV. **Dark Matter (live coding)**  
Vasilakos K.  
International Conference on New Interfaces for Musical Expression, Birmingham, England, 21 - 25 July 2020, pp.49-51
- V. **Sonification of High Energy Physics Data Using Live Coding and Web Based Interfaces.**  
Vasilakos K.  
International Conference on New Interfaces for Musical Expression, 07 January 2020, pp.464-470
- VI. **Emerging Dark Matter Through Diverse Sonification Practices**  
Vasilakos K.  
Proceedings of the International Music and Sciences Symposium, 01 January 2019, pp.0-5

## Other Publications

- I. **On a thin String: Live coding with Lick the Toad**  
Vasilakos K.  
Presentation, 2023
- II. **Symphony in Blue 2.0**  
Vasilakos K.  
Presentation, 2021

## Supported Projects

2018 - 2019	Interactive Physics Sonification System , Universities of Other Countries Supported Project
2017 - 2018	Dark Matter, Universities of Other Countries Supported Project

## Scientific Refereeing

January 2023	International Live Coding conference 2023, Conference Paper (Full Text)
September 2022	Convergence 2022, De Montfort University Institute for Sonic Creativity—MTI2 Leicester, UK, Conference Paper (Full Text)

## Scientific Consultations

## Tasks In Event Organizations

29 Aralık 2022	Vasilakos K., Fereli H. M., Sonified: 10th Year Anniversary of Sonic Arts, Art Activities, Turkey
09 Mayıs 2019	Vasilakos K., High Voltage, Art Activities, Turkey

## Scientific Research / Working Group Memberships

2014 - Continues	Birmingham Ensemble For Electroacoustic Research , <a href="https://www.birmingham.ac.uk/facilities/ea-studios/research/beer.aspx">https://www.birmingham.ac.uk/facilities/ea-studios/research/beer.aspx</a> , The University of Birmingham, England
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## Metrics

Publication: 14  
Citation (Scopus): 8  
H-Index (Scopus): 1

## Congress and Symposium Activities

2023	2nd INTERNATIONAL GRADUATE RESEARCH SYMPOSIUM, Invited Speaker, İstanbul, Turkey
2014	SoundThought, Attendee, Glasgow, England
2013	Embracing Rhythm Welcoming Abstraction, Attendee, Manchester, England
2013	live.code.festival 2013, Attendee, Karlsruhe, Germany
2012	Live Interfaces, Attendee, Leeds, England
2012	INTER/actions 2012, Attendee, Cardiff, England

## Invited Talks

May 2022	EELISA Research-based Learning Symposium, Conference, Istanbul Technical University, Turkey
May 2021	New Music Festival: Arter Gallery Festival, Conference, Arter Gallery Istanbul, Turkey
July 2020	NIME2020:Royal Birmingham Conservatoire, Workshop, NIME, England
June 2019	Podcasts on Sound and Data: Interview with Konstantinos Vasilakos, Seminar, THE SONIFICATION NETWORK, United States Of America
November 2018	Creations Conference 2018: Ellinogermaniki Agogi, Conference, Ellinogermaniki Agogi, Greece
March 2018	Sonar D+ Istanbul 2018, Seminar, Charm Music Turkey, Turkey
November 2016	TEDxAUEB 2016:Athens University of Economics and Business, Conference, Athens University of Economics and Business, Greece

## Scholarships

2011 - 2016	Doctoral Scholarship, University
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## Artworks

January 2023	Electronic Music, On a Thin String, Original Works
June 2021	Electronic Music, Symphony in Blue 2.0, Original Works
December 2020	Electronic Music, Visceral (for Hans) Fixed Media Composition, Original Works

## Artistic Activity

December 2022	Vasilakos K., Arter Sonified 2023 10 years of Sonic Arts ITU/MIAM
May 2022	Vasilakos K., EELISA Research-based Learning Symposium

## Representation and Promotion Activities

2019 - 2019	Institutional Representation, Istanbul Technical University, Turkey, İstanbul, 2019 - 2019
2019 - 2019	Institutional Representation, Bilkent University, Turkey, Ankara, 2019 - 2019
2019 - 2019	Institutional Representation, Sabanci, Turkey, İstanbul, 2019 - 2019

## Non Academic Experience

2016 - 2016	Business Organization (private), Koumaria Residency, Medea Electronique Koumaria Residency program
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