



## Lect. PhD Konstantinos Vasilakos

### Personal Information

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### International Researcher IDs

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ScopusID: 56109989300

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 |
|------|---|

## 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 |
|------------------|--|

## 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 |
|-------------|---|

## Research Infrastructure Information

|           |  |
|-----------|--|
| June 2018 | Vasilakos K., Sevilgen S., Dagdeviren O., Istanbul Coding Ensemble |
|-----------|--|

## 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 ,<br><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 |
|-------------|----------------------------------|

## 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 |
|-------------|--|