



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE ____6786____

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at Dipartimento di _____

Scientist- in - charge: ____Davide Rocchesso____

[Name and surname]

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Erdem
Name	Çağrı

PRESENT OCCUPATION

Appointment	Structure
Dept. Informatics, University of Oslo	Postdoctoral fellow

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	BM - Composition	Berklee College of Music	2011
Specialization			
PhD	Music Technology	University of Oslo	2022
Master	MSc - Audio Engineering & Sonic Arts	Istanbul Technical University	2016
Degree of medical specialization			
Degree of European specialization			
Other			



REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date registration	of	Association	City
2018-2022		RITMO Centre for Interdisciplinary Studies in Rhythm, Time and Motion, University of Oslo	Oslo, Norway
2009-2010		Berklee College of Music Guitar Department	Boston, MA
2006-2008		Studio Monk	Istanbul, Turkey
2003-		Freelance Developer-Artist	

FOREIGN LANGUAGES

Languages	level of knowledge
English	C2
Norwegian	B1
French	B1
Turkish	Native

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2021	Oslo Kommune Krise stipend (tildelt av Danse og Teatersentrum)
2020	Best Paper Award --Sound and Music Computing (SMC) Conference
2019	Pamela Z Award --New Interfaces for Musical Expression (NIME) Conference
2018	Research Fellowship, University of Oslo
2010	Performance Scholarship Award, Berklee College of Music
2009	Performance Scholarship Award, Berklee College of Music
2008	Composition Scholarship Award, Berklee College of Music

TRAINING OR RESEARCH ACTIVITY

description of activity

PROJECT ACTIVITY

Year	Project
2022--	EU 6G SNS programme No. 101096452 (IMAGINE-B5G)
2018-2022	Research Council of Norway project 262762
2018-2022	NordForsk "Nordic SMC" project 86892



PATENTS

Patent

CONGRESSES AND SEMINARS

Date	Title	Place
2024	AI and Music Creativity (AIMC)	Oxford, UK
2024	New Interfaces for Musical Expression (NIME)	Utrecht, Netherlands
2024	Artificial Life (Alife)	Copenhagen, Denmark
2024	Artificial Intelligence in Music, Sound, Art and Design: 13th International Conference, EvoMUSART	Aberystwyth, UK
2024	ACM Multimedia Systems	Bari, Italy
2023	New Interfaces for Musical Expression (NIME)	Mexico City, Mexico
2023	International Workshop on Immersive Mixed and Virtual Environment Systems (MMVE)	Vancouver, Canada
2022	Embodied Perspectives on Musical AI (EmAI) workshop	Oslo, Norway
2022	New Interfaces for Musical Expression (NIME)	Auckland, New Zealand
2022	International Sound and Music Computing Conference (SMC)	Saint-Étienne, France
2020	New Interfaces for Musical Expression (NIME)	Birmingham, UK
2020	International Sound and Music Computing Conference (SMC)	Torino, Italy
2020	International Conference on Live Interfaces	Trondheim, Norway
2019	New Interfaces for Musical Expression (NIME)	Porto Allegre, Brasil
2017	New Interfaces for Musical Expression (NIME)	Copenhagen, Denmark

PUBLICATIONS

Books
Exploring Musical Agents with Embodied Perspectives. In Refsum Jensenius, Alexander (Ed.), Sonic Design - Explorations Between Art and Science. Springer. 2024
Controlling or Being Controlled? Exploring Embodiment, Agency, and Artificial Intelligence in Interactive Music Performance. Ph.D. Thesis, University of Oslo. 2022



Gestures in ensemble performance. In Timmers, Renee; Bailes, Freya & Daffern, Helena (Ed.), Together in Music: Coordination, expression, participation. Oxford University Press. 2022

Articles in reviews

A System for Sonic Explorations With Evolutionary Algorithms. Journal of The Audio Engineering Society. 2024

Tool or Actor? Expert Improvisers' Evaluation of a Musical AI "Toddler" Computer Music Journal. 2023

What Makes Interactive Art Engaging? Frontiers in Computer Science. 2022

Exploring relationships between effort, motion, and sound in new musical instruments. In Marc R. Thompson & Jonna K. Vuoskoski (Eds.), special issue on Mind, Music and Technology. Human Technology. 2020

Sensing Place and Presence in an INTIMAL Long-Distance Improvisation. In Journal of Network Music and Arts. 2019

Congress proceedings

Interactive Experiences with a Web-based Drummer Bot for Finger-Tapping. In Proceedings of the International Conference on Artificial Life. 2024

dB: A Web-based Drummer Bot for Finger-Tapping. In Proceedings of the International Conference on New Interfaces for Musical Expression. 2024

Deep Steps: A Generative AI Step Sequencer. In Proceedings of the Conference on AI Music Creativity (AIMC). 2024

CordChord: A String Instrument with Optical Sensing. In Proceedings of the International Conference on New Interfaces for Musical Expression. 2024

Xyborg: A Wearable Hand-based Instrument for Musical Expression. In Proceedings of the International Conference on New Interfaces for Musical Expression. 2024

The Hyper-Ney: An Enhanced Traditional Flute. In Proceedings of the International Conference on New Interfaces for Musical Expression. 2024

How do Users Experience Asynchrony between Visual and Haptic Information? In Proceedings of the 15th ACM Multimedia Systems Conference (MMSys '24). Association for Computing Machinery. 2024

he Feedback Mop Cello: An Instrument for Interacting with Acoustic Feedback Loops. Proceedings of the International Conference on New Interfaces for Musical Expression. 2023

Experiencing Rotation and Curvature Gain for Redirected Walking in Virtual Reality. In MMVE '23: Proceedings of the 15th International Workshop on Immersive Mixed and Virtual Environment Systems. Association for Computing Machinery (ACM). 2023

CAVI: A Coadaptive Audiovisual Instrument-Composition. In Proceedings of the International Conference on New Interfaces for Musical Expression. 2022

MusicLab Lockdown Rave - An exploratory study examining how musical features influence virtual audience motion. In Proceedings of the International Sound and Music Computing Conference. 2022

RAW: Exploring Control Structures for Muscle-based Interaction in Collective Improvisation, Proceedings of the International Conference on New Interfaces for Musical Expression. Birmingham City University. 2020

Towards Playing in the 'Air': Modeling Motion-Sound Energy Relationships in Electric Guitar Performance Using Deep Neural Networks. In Proceedings of the International Sound and Music Computing Conference. 2020



Air-Guitar Control of Interactive Rhythmic Robots, Proceedings of the International Conference on Live Interfaces. NTNU. 2020
INTIMAL: Walking to feel place, breathing to feel presence. In Proceedings of the International Conference on New Interfaces for Musical Expression. 2019
Vrengt: A Shared Body-Machine Instrument for Music-Dance Performance. In Proceedings of the International Conference on New Interfaces for Musical Expression. 2019
A Biocontrol System for Embodied Performance Using Mechanomyography. In Proceedings of the International Conference on New Interfaces for Musical Expression. 2017

OTHER INFORMATION

Guest editor: Special Issue on Embodied Perspectives on Sound and Music AI, Frontiers in Computer Science, Human-Media Interaction. (2024--)

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Please note that CV WILL BE PUBLISHED on the University website and It is recommended that personal and sensitive data should not be included. This template is realized to satisfy the need of publication without personal and sensitive data.

Please DO NOT SIGN this form.

Place and date: _____Oslo_____, _15.08.2024_____