

Francesco Di Maggio

PhD Candidate in Industrial Design, TU/e · Digital Luthier

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WORK

PhD Candidate in Industrial Design Eindhoven University of Technology, NL	2024–PRESENT
Research Engineer CNRS, MSH Paris Nord, Saint-Denis, FR	2022–2024
Software Developer GripBeats, Remote	2020–PRESENT
Apple Certified Technician LJS, The Hague, NL	2019–2021
Sound Technician Electronics Workshop, Institute of Sonology, The Hague, NL	2019–2021

TEACHING

The Sound of Smart Things (DCM180) Industrial Design, TU/e, Eindhoven, NL	2026
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EDUCATION

Mixed Music Interpretation Workshop IRCAM, ManiFeste 2021, Paris, FR	2021
Master's, Sonology – Instruments & Interfaces Royal Conservatoire, The Hague, and STEIM, NL Thesis: Ø: An Interactive Music System for Real-Time Composition	2021
Master's, Electronic Music Conservatorio "F. Morlacchi", Perugia, IT Thesis: Comporre interazione (Composing Interaction)	2020
Bachelor's, Sonology – Instruments & Interfaces Royal Conservatoire, The Hague, NL Thesis: Building an Interactive Music System for Real-Time Synchronisation	2019
Bachelor's, Electronic Music Conservatorio "F. Morlacchi", Perugia, IT Thesis: Joyzer	2017

PERFORMANCES

Monolith

2022–2025

4 shows. With Sofie Kramer and Mári Mákó

Rooms Festival, Maastricht, NL

2025–01–25

Winternights Festival, Maastricht, NL

2024–12–13

Fashion Clash Festival, Maastricht, NL

2024–11–15

Audio Art Festival, Cricoteka, Kraków, PL

2022–11–27

A Pole Tragedy

2021–2024

7 shows. With Sofie Kramer and Mári Mákó

De Grote Post, Oostende, BE

2024–10–26

Zwolse Theaters, Zwolle, NL

2024–10–15

Theater De Generator, Leiden, NL

2024–09–28

Theater Bellevue, Amsterdam, NL

2024–09–26

Theater Bellevue, Amsterdam, NL

2024–09–25

Podium Bloos, Breda, NL

2024–09–19

Zaal3, Het Nationale Theater, The Hague, NL

2021–10–15

ASSISTANCE

Déplacement, Atau Tanaka and Erämaa Trio

2024–11–19

Programming and score preparation, Ars Musica, Brussels, BE

Echolocate, Atau Tanaka

2024–10–31

Programming and score preparation

Komorebi, Matteo Marangoni

2021

Assembly

PRESENTATIONS

JIM 2023

2023–05–24

BBDML project, MSH Paris Nord, Saint-Denis, FR

Convergence 2023

2023–04–21

BBDML project, Royal Conservatoire Antwerp, BE

Max Summer School 2022

2022–03–07

BBDML project, Tokyo University of the Arts, JP

PUBLICATIONS

The Aerophone Kit: A Toolkit for Pneumatic Musical Instrument Design

Francesco Di Maggio*, Catharina Maria van Riet*, Sergio Picella, Berry Eggen, Bart Hengeveld
NIME '26, London, UK · Paper

What Makes it Fun? Mapping Playful Interaction in Music-Making with AI

Jingjing Sun*, **Francesco Di Maggio***, Rebecca Fiebrink, Corey Ford, Bart Hengeveld, Sebastian Deterding
NIME '26, London, UK · Workshop

Electromyographic & Movement Sonification: Musical Embodiment as a Tool for Functional Rehabilitation in Children with Spinal Cord Injury

José Manuel Corredera, **Francesco Di Maggio**, Atau Tanaka, Elisa López-Dolado
IBERDISCAP '25, Seville, Spain · Springer, Biosystems & Biorobotics 36 · Book chapter

TESI: A Toolkit for Tangible and Embodied Sound Interaction

Francesco Di Maggio, Bart Hengeveld, Mathias Funk, Rebecca Fiebrink
TEI '26, Chicago, IL, USA · Paper

Embedded Comparo: Small DSP Systems Side-by-Side

Francesco Di Maggio, Bart Hengeveld, Atau Tanaka
NIME '25, Canberra, Australia · Paper

Making Sense of Decentralized TUIs: A Modular Sound-Centric Approach

Francesco Di Maggio, Bart Hengeveld, Mathias Funk
TEI '25, Bordeaux, France · Workshop

An Interactive Modular System for Electrophysiological DMIs

Francesco Di Maggio, Atau Tanaka, David Fierro, Stephen Whitmarsh
AM '23, Edinburgh, UK · Paper
BEST LONG PAPER AWARD

The EAVI EMG/EEG Board: Hybrid Physiological Sensing

Atau Tanaka, David Fierro, **Francesco Di Maggio**, Martin Klang, Stephen Whitmarsh
NIME '23, Mexico City, Mexico · Paper

Brain-Body Digital Musical Instrument Work-in-Progress

Atau Tanaka, Anne Sèdes, Alain Bonardi, Stephen Whitmarsh, David Fierro, **Francesco Di Maggio**
ISEA '23, Paris, France · Paper

LANGUAGES

Italian	NATIVE
English	C2
Russian	C1
Dutch	B1
French	A2