Matteo **Bizzarri**



Personal Information

Matteo Bizzarri
Nationality: Italian
Date of birth: 26/11/1996

Areas of Specialization

Jazz Composition • Jazz Piano • Algorithmic Music Composition and Analysis • Music Analysis • History of Jazz • Multi-Valued Semantics • History of Logic • Philosophy of Probability • Logic of Probability • Philosophy of Artificial Intelligence

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Biography

I am a composer, pianist, and logician. I hold a Bachelor's degree in Jazz Piano and a Master's degree in Jazz Composition from the ISSM "Mascagni" of Livorno, and attended the 2025–2026 MAI Master Program in composition for audiovisual media at the Boccherini Conservatory in Lucca. I received my PhD in Philosophy from the Scuola Normale Superiore on February 14, 2026, with a dissertation titled "In Three Movements: Beliefs, Logic, Music".
My work spans composition, live performance, film scoring, and music for video games. In 2026, I was awarded the Chigiana Scholarship for the Film Scoring Intensive Program, where I composed the original soundtrack for *San Francesco in Estasi*. Recent projects include the soundtrack for the video game *Luke & Clea* for Lucca Comics & Games 2026; a personal reworking of selected scenes from Gordon Getty's *Plump Jack*, developed from the original score for a Boccherini Conservatory project connected with the Lucca Film Festival 2026 and submitted to Getty; and the original album *Metropolis Rhapsody*, produced for Halidon Music (release date TBA).
Alongside my musical career, I conduct interdisciplinary research on formal approaches to music analysis and have presented my work at international conferences.

Education

2026 — **Film Scoring Intensive Program**
Accademia Chigiana · Siena
Selected participant in the Chigiana Film Scoring Intensive Program, focused on composition, orchestration, and music production for film.

2025–2026 — **MAI Master Program**
Boccherini Conservatory · Lucca
Advanced training program in composition for audiovisual media.

2025 — **Master's Degree in Jazz Composition**
ISSM Mascagni · Livorno
Thesis: "The Man Behind the Music: The Harmony of Claus Ogerman between Continuity and Rupture". Supervisor: Prof. Mauro Grossi.

2022 — **Bachelor's Degree in Jazz Piano**
ISSM Mascagni · Livorno
Thesis on Mal Waldron. Supervisor: Prof. Andrea Pellegrini.

2022–2026 — **PhD in Philosophy**
Scuola Normale Superiore · Pisa
Degree awarded on February 14, 2026. Dissertation: "In Three Movements: Beliefs, Logic, Music". Supervisor: Prof. Mario Piazza. Co-supervisor: Prof. Satoshi Tojo.

2021 — **Master's Degree in Philosophy**
University of Pisa · Pisa
Thesis: "Framing Beliefs into Fractional Semantics for Classical Logic". Supervisor: Prof. Enrico Moriconi. Co-supervisor: Prof. Gabriele Pulcini.

2019 — **Bachelor's Degree in Philosophy**
University of Pisa · Pisa
Thesis: "The Completeness Theorem: Analysis of a Logical Result". Supervisor: Prof. Enrico Moriconi.

Musical Productions

2026 Prize for the Most Original Composition awarded by Accademia Chigiana during the Film Scoring Intensive Program.

2026 Scholarship awarded by Accademia Chigiana to attend the Film Scoring Intensive Program.

2026 Original soundtrack for the video game *Luke & Clea*, in collaboration with Lucca Comics & Games 2026.

2026 Personal musical reworking of selected scenes from Gordon Getty's film *Plump Jack*, developed from the original score for a Boccherini Conservatory training project connected with the Lucca Film Festival 2026; work submitted to the composer.

2026 Original album *Metropolis Rhapsody* for Halidon Music (release date TBA).

2026 Original soundtrack for *San Francesco in Estasi*. Chigiana Scholarship Winner, Film Scoring Intensive Program.

2025 Original live soundtrack for *Metropolis* by Fritz Lang.

2025 Suite "Rispecchiàti" for ensemble. `https://www.youtube.com/watch?v=KTRGW5kQCTw`

2025 Original music for short film, 8mmezzo Produzioni, Livorno. `https://youtu.be/-LajOG2jk0U`

2024 Original soundtrack for Greta Miliotti's animated short film "Pace Mater", Nemo Academy, Florence.

2024 Original soundtrack for Nicola Bizzarri's animated short film "Ciò che resta di prezioso", Nemo Academy, Florence. `https://www.youtube.com/watch?v=lhbY6d0xzVw`

2024 Original music for short film, 8mmezzo Produzioni, Livorno.

2022 Original arrangements for "The Blues Sisters". `https://www.youtube.com/watch?v=azwkamrflDM`

2022 Original arrangements of compositions by Mal Waldron.

2019 Original compositions for the "Wunderwürst Project".

2018 Original compositions for guitar and flute, performed by Giulio Cecchi and Emma Longo in concert at the Baptistery of Pistoia.

2017 "Quadri Vaganti" for flute and piano (written with Emma Longo), awarded the prize "The Languages of the Divine", open-age category.

Concerts

2025	Original live soundtrack for *Metropolis* by Fritz Lang.	Piazza dei Cavalieri (20/09)
2025	World premiere of the suite "Rispecchiati" for ensemble. `https://www.youtube.com/watch?v=KTRGW5kQCTw`	Scuola Normale Superiore
2025	Solo piano concert "The Abstract Blues". `https://www.youtube.com/watch?v=yIfn-7dfDs4&t=506s`	Scuola Normale Superiore
2025	Jazz concerts with Cecille.	Castelfalfi Resort, Florence
2025	Concert for the students of the orientation course with Eleonora la Greca.	Scuola Normale Superiore
2025	New Year's concert, organ recital.	Parish of San Martino, La Morra (Cuneo)
2024	"The Blues Sisters": theatrical performance inspired by the Blues Brothers, reinterpreted from a female perspective. Participated as pianist, conductor, and arranger.	Teatro Bolognini, Castello di Serravalle, Teatro di Monsummano
2023	"Footprints": jazz concert for piano and violin with Nicolò Montali, dedicated to Wayne Shorter.	Scuola Normale Superiore
2020	"The Wunderwürst Project": theatrical performance featuring original compositions.	Teatro Comunale Perugini (Apecchio), Teatro Massari (San Giovanni in Marignano)
2019	"The Wunderwürst Project": theatrical performance featuring original compositions.	Parco del Naviglio (Parma), Circolo di Masiano (Pistoia)
2019	Christmas concert, organ recital.	Church of San Michele Arcangelo, Bottegone (Pistoia)

Publications

Music and Interdisciplinary Research

2026 Half Cadence in Lambek Calculus (j.w.w. Satoshi Tojo), *Sound and Music Computing for Entertainment on IFIP ICEC2026*.

2026 Proof-Theoretic Analysis of Music with Lambek Calculus (j.w.w. Satoshi Tojo), JNMR.

2026 Modulator: A Framework for Generating Controllable Key Modulations in Music (j.w.w. Keshav Bandari).

2025 *Syntax Complexity of Music with Lambek Calculus*, in *Tenor 2025*, Beijing, Proceedings.

2025 *Foundations of LLCM: Labelled Lambek Calculus for Music Analysis* (with Satoshi Tojo), in *Artificial Intelligence in Music, Sound, Art and Design* – 14th International Conference, EvoMUSART 2025, Springer Nature.

2024 *A Formal Proof-Theoretic Approach to Music Analysis using Labelled Lambek Calculus*, *SIGMUS 2024* (Vol. 2024-MUS-141 No. 4).

2024 *Chord Progression Analysis by Labelled Lambek Calculus* (with Satoshi Tojo), 11th International Conference on *New Music Concepts* (ICNMC).

2023 *Music and Logic: A Connection between Two Worlds*, CMMR Conference, Springer Lecture Notes in Computer Science (LNCS).

Logic, Philosophy and Probability

2025 *Belief Structures within Fractional Semantics: An Overview*, in *Logical Reasoning in Social Settings* (eds. Piazza, Tesi and Vigiani), Edizioni della Normale.

2025 *Wittgenstein, Probability and Supraclassical Logics*, *History and Philosophy of Logic*.

2024 *Framing Beliefs into Fractional Semantics for Classical Logic*, in *Current Topics in Logic and the Philosophy of Science* (around the SILFS 2022 Postgraduate Conference).

2024 *Inside and Outside the Boundaries: Probability in Wittgenstein's Tractatus*, *IWS 2024*.

2023 *A Solution to the Lottery Paradox through Fractional Semantics*, Fifth Pisa Colloquium in Logic, Language and Epistemology.

Talks

2025 *Labelled Lambek Calculus for Music Analysis*, *EvoMUSART 2025*, Trieste.

2025 *Syntax Complexity of Music with Lambek Calculus*, *Tenor 2025*, Beijing.

2024 *Labelled Lambek Calculus for Music Analysis*, *SIGMUS 2024*, Tokyo.

2024 *Inside and Outside the Boundaries: Probability in Wittgenstein's Tractatus*, *International Wittgenstein Symposium*, Kirchberg am Wechsel.

2024 *Chord Progression Analysis by Labelled Lambek Calculus*, *ICNMC 2024*, Treviso.

2023 *A Solution to the Lottery Paradox through Fractional Semantics*, *Fifth Pisa Colloquium in Logic, Language and Epistemology*, Pisa.

2023 *Music and Logic: A Connection between Two Worlds*, *CMMR 2023*, Tokyo.

2022 *Probability, Logic and Belief: A Fractional Semantics Approach*, *SILFS Postgraduate Conference*, Milan.

Software

2026 Web application for the analysis of chord progressions using Labelled Lambek Calculus, including automated syntactic decomposition and generation of harmonic sequences based on a corpus of songs.

2026 Web application implementing Fractional Semantics (GS4B) for propositional logic, including automated proof decomposition and computation of fractional semantic values.

Teachings

2026 Piano Teacher for CFM Music (Pistoia).

2023–24 Teaching Assistant for the course "Introduction to Logic" (Prof. Luca Bellotti).

2021 Tutor for the course "Introduction to Logic" (Prof. Luca Bellotti), University of Pisa.

2020 Tutor for the course "Logic" (Prof. Enrico Moriconi), University of Pisa.

Languages

Italian	C2	– native
English	C1	● ● ● ○
Chinese	B1	● ● ○ ○
Japanese	A2	● ○ ○ ○

Further Training

2022–2023 | **English for Scientific Communication**
Scuola Normale Superiore · Pisa
Advanced English course for scientific communication during the PhD program.

2016–2020 | **Baroque Organ Course with Anna Picchiarini**
Organ School · Pistoia
Study of Baroque and Romantic organ on historical instruments of the Diocese of Pistoia, with a focus on J.S. Bach and Girolamo Frescobaldi.

2019–2020 | **Chinese Language Courses (Levels I–II)**
Confucius Institute · Pisa
Introductory study of Chinese language with Professor Emily Chiao.

2018–2019 | **Historical Keyboards Course with Ottaviano Tenerani**
Accademia Gherardeschi · Pistoia
Study of harpsichord, spinet, and fortepiano, focusing on G. Frescobaldi, F. Couperin and J.S. Bach.

Research Interests

Non-classical logics and multi-valued semantics; belief representation and belief revision; fractional semantics; philosophy of probability; history of logic; logic and artificial intelligence; formal approaches to music analysis; computational music theory; algorithmic harmonic analysis using the Lambek Calculus; interdisciplinary research at the intersection of logic, music, and artificial intelligence.

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