

BENJAMIN LAVASTRE

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EDUCATION

Winter 2026	Université de Montréal: Computer Music course on the use of Artificial Intelligence in Music Composition, Improvisation and Performance Professor: Dominic Thibaut
2020-2025	Schulich School of Music, McGill University, Montreal, Canada PhD in Music Composition: February 2026 Supervisor: Philippe Leroux Co-supervisor: Marcelo Wanderley Doctoral thesis title: <i>Instrumental Interaction V for 3 Karlax, ensemble and electronics.</i>
2018-2019	Hochschule für Musik Franz Liszt Weimar, Germany Exchange Erasmus (Master I). Professor: Michael Obst
2015-2020	Haute École de Musique de Genève, Geneva, Switzerland Master in Mixed Composition, graduated in 2020. Bachelor in Composition, graduated in 2018. Professors: Pascal Dusapin, Michael Jarrell, Luis Naón, Eric Daubresse, Gilbert Nouno, Dusan Bogdanovic.
2013-2015	Cefedem Sud, Aix-en-Provence, France. Degree in classical guitar teaching, graduated in 2015.
2012-2013	Conservatoire à Rayonnement Régional de Paris, Paris, France Analysis, Prof. Anthony Girard. Contemporary Music Workshop, Prof. Suzanne Giraud.
2011-2013	Conservatoire à Rayonnement Départemental de Créteil, France Classical Guitar, Prof. Arnaud Dumond.
2010-2012	Conservatoire à Rayonnement Départemental du Val Maubuée, France - Diploma of Musical Studies (Classical guitar), graduated in 2012. Prof. André Simony. - Composition, Prof. Valery Aubertin.

RESEARCH & PUBLICATIONS

Research interests: Composition, performance with digital musical instruments (DMIs), sound synthesis and DSP techniques, spatialization, gestures and movements, human-computer interactions, artificial intelligence, early electronic music and influence on instrumental writing.

Book chapters (*peer-reviewed*)

Lavastre, Benjamin & Marcelo M. Wanderley. 2024. “Studying Performances with Digital Music Instruments: A Case Study of Ritual, a Piece for Solo Karlax.” In: Jensenius, A. R. (Eds.) *Sonic Design*. SSD 2022. Current Research in Systematic Musicology, vol 12. Springer, Cham.

Lavastre, Benjamin & Marcelo M. Wanderley, 2023. “Interaction Strategies in Composition for Karlax and Acoustic Instruments.” In *Music in the AI Era*, 15th International Symposium on Computer Music Multidisciplinary Research, CMMR 2021, Springer Nature. Switzerland.

Articles, conferences papers (*peer-reviewed*)

Lavastre, Benjamin & Brice Gatinet. 2026. “Adapting saxophonists and clarinets expertise to the Karlax DMI mediated by neural networks.” Article accepted for the 7th Conference on Artificial Intelligence Music Creativity (AIMC2026), 16-18 September 2026, Berlin.

Lavastre, Benjamin, Mael Oudin, Andrea Gozzi. 2026. “Composer-performers interaction in pieces featuring specific instruments: a case study of Essai de coexistence sonore for electroacoustic guitar, Karlax, and double bass.”, *Proceedings of Timbre 2026, 4th International Conference on Timbre*, Montréal (Québec), p.346-350, Canada.

Lavastre, Benjamin, 2026. “Éléments de technique et de langage pour l’interprétation et la composition avec l’instrument de musique numérique Karlax.” Introduction and commentaries by Alain Le Méheauté, *ISTE OpenScience*, vol. 7, n° spécial LILA 3, p. 140-185.

Zhu, Linglan, Mael Oudin, Benjamin Lavastre, Stephen McAdams. 2025. “Audiovisual Perception of Musical Interaction in Mixed Pieces with the Karlax.”, *Proceedings of the 17th International Symposium CMMR2025*, London, 3-7 November, United Kingdom.

Zhu, Linglan, Benjamin Lavastre, Mael Oudin, Stephen McAdams. 2025. “Perceptual categorization of musical interaction: Case study on mixed music for the digital instrument Karlax and acoustic instruments.” (ICMPC25), São Paulo, July 2025, Brazil.

Lavastre, Benjamin. 2025. “György Ligeti’s Chamber Concerto in the light of the article “... how time passes...” by Karlheinz Stockhausen.” *Music Theory Online*, volume 31, n°1, March 2025.

Lavastre, Benjamin & Brice Gatinet. 2025. “Elements of technique and language for performing and composing with the digital musical instrument Karlax: Case study of Instrumental Interaction III for guitar and Karlax.” Ircam Forum Workshops 2025, Paris.

Lavastre, Benjamin & Brice Gatinet. 2025. “Éléments de technique et de langage dans la composition et l’interprétation avec l’instrument de musique numérique Karlax.” *Actes des deuxièmes rencontres nationales sur les recherches en musique* (RNRM’25), p. 46– 48, La Plaine Saint-Denis, France.

Lavastre, Benjamin & Marcelo M. Wanderley, 2021. “Mixed Writing with Karlax and Acoustic Instruments: Interaction strategies from Computer Music.” In *Proceedings of the 15th International Conference on Computer Music Multidisciplinary Research* (CMMR), Japan.

Presentations and conferences

14 July 2026: Conference at Universidad Autónoma Metropolitana, UAM. “Using an existing DMI: a research-creation project with the Karlax controller.”, Casa Rafael Galván, Mexico City.

02 July 2026: 4th International Conference on Timbre (2-4 July 2026). “Composer-performers interaction in pieces featuring specific instruments: a case study of *Essai de coexistence sonore* for electroacoustic guitar, Karlax, and double bass.” Université de Montréal.

27 March 2026: Symposium AGORA 2026 at Université de Sherbrooke. “From Guitar to Karlax, Instrument design and study of performances and compositions.” Sherbrooke, Canada.

2 February 2026: CIRMMT Workshop: Atau Tanaka (2 February 2026) “Some Thoughts on Audiovisual Perception of Musical Interactions in Mixed Pieces with the Karlax.” Université McGill.

4 November 2025: 17th International Symposium on Computer Music Multidisciplinary Research (3-7 November 2025), “Audiovisual Perception of Musical Interactions in Mixed Pieces with the Karlax.” UCL’s East London Campuses, London, United Kingdom.

23 July 2025: International Conference on Music Perception and Cognition (ICMPC 2025) “Perceptual categorization of musical interaction: Case study on mixed music for the digital instrument Karlax and acoustic instruments.” Universidade MacKenzie, São Paulo, Brazil.

7 July 2025. Y7 ACTOR Student Presentation. “Orchestration and timbre writing challenges in mixed music with digital musical instruments: Case study of *Instrumental Interaction V* for 3 Karlax and ensemble.” Haute École de Musique, Geneva, Switzerland.

14 May 2025. Conference at Arizona State University. “Interaction Strategies in Mixed Compositions between Acoustic Instruments and Digital Music Instruments: Case study with the Karlax.” ASU, Tempe, USA.

27 March 2025: Ircam Forum Workshop 2025 with Brice Gatinet. “Elements of technique and language for performing and composing with the digital musical instrument Karlax: Case study of *Instrumental Interaction III* for guitar and Karlax.” IRCAM, Paris, France.

20 March 2025: Les futurs des recherches en musique (RNRM25) with Brice Gatinet. “Éléments de technique et de langage dans la composition et l’interprétation avec l’instrument de musique numérique Karlax.” Maison des Sciences de l’Homme, Paris, France.

29 January 2025: Doctoral Colloquium at McGill University ”Interaction Strategies in Mixed Compositions between Acoustic Instruments and Digital Music Instruments: Case study with the Karlax.” McGill University, Montreal, Canada.

1 February 2024: Graduate colloquium in composition and sound creation with Mael Oudin. “Audiovisual Perception of a piece for Karlax and Ensemble.” Université de Montréal, Canada.

1 December 2023: CIRMMT RA4 Workshop “Composing and Performing with Digital Musical Instruments”. Presentation: “What would the musical world look like if the Karlax instrument were an option for a composer, performer or listener? ”, CIRMMT, Montréal, Canada.

26 May 2023. CCBS/COBS 2023: (CIRMMT-OICRM-BRAMS student colloquium with Mael Oudin and Linglan Zhu. “Mixed writing with digital instruments: Creation, Analysis and Perception.” UQAM, Montreal, Canada.

16 May 2022: CCBS/COBS 2022: (CIRMMT-OICRM-BRAMS student colloquium with Linglan Zhu. “Mixed pieces with digital instruments: From writing to perception.”, Tanna Hall, Montreal, Canada.

8 November 2021: 15th International Symposium on Computer Music Multidisciplinary Research (CMMR). “Mixed Writing with Karlax and Acoustic Instruments: Interaction strategies from Computer Music.” On-line presentation, Tokyo, Japan.

COMPOSITIONS

Cycle *Instrumental Interaction*

This cycle *Instrumental Interaction* explores the interaction between digital instrument (especially the Karlax) and acoustic instruments.

Premise for an Instrumental Interaction (2022) for solo Karlax, an improvisation created as part of *improv@cirmmt*, released online on 15 March 2022 and performed at Tannah Schulich Hall on 25 May 2022, Montreal. 6’

Instrumental Interaction I (2022) for Karlax, ensemble and electronics. Premiered by the Contemporary Music Ensemble conducted by Lorraine Vaillancourt, with Huizi Wang, Karlax. Premiered on 2 December 2022 at MMR Hall, McGill University, Montreal. 12’

Instrumental Interaction II (2023) for tenor saxophone, Karlax and electronics, premiered by Duo Airs on 18 May 2023 during the *Ars Numerica* concert, Le Vivier, MMR Hall, McGill University, Montreal. 8'

Instrumental Interaction III (2024) for guitar and Karlax with Brice Gatinet. Premiered on 2 February 2024 at Salle Claude Champagne, Montreal. Recorded on 28 May 2024 at Opera Wirth, McGill University. 12'

Instrumental Interaction IVa (2023) for solo Karlax. Premiered by Benjamin Lavastre on 15 September 2023 at Cabot Square, Montreal, then premiered and recorded by Yulin Yan on 30 November 2023 at Studio Perl, McGill University, Montreal. 9'

Instrumental Interaction IVb (2024) for saxophone trio and Karlax by the Quasar Saxophone Quartet, premiered on 27 June 2024 at Domaine Forget, Sainte-Irénée, Québec, Canada. 7'

Instrumental Interaction V (2025) for 3 Karlax, ensemble and electronics, performed by D. Andrew Stewart, Tom Mays, Huizi Wang and the Ensemble Éclat conducted by Charles-Éric Fontaine on 21 February 2022 at MMR Hall in Montreal as part of the MNM Festival (Montréal Nouvelles Musiques 2025), Montreal, Canada. 20'

Instrumental Interaction VI (2025) for solo Karlax performed by Benjamin Lavastre as part of the conference CMMR2025 on 6 November 2025, V&A East Store House, London, UK. 10'

Documentary on the creation of Instrumental Interaction V

This documentary looks back at the creation of *Instrumental Interaction V*. The video addresses issues related to interaction strategies between acoustic and digital instruments. It features interviews with Karlax performers D. Andrew Stewart, Tom Mays and Huizi Wang, as well as conductor Charles-Éric Fontaine and Professor Marcelo M. Wanderley. 10'

Works for Orchestra and Ensemble

Mapping (2024) for 6 percussionists by the McGill Percussion Ensemble, conducted by Joshua Ballance. Premiered on 4 April 2024 at Pollack Hall, Montreal. 12'

Mouvements de l'Arve (2020) for solo flute, ensemble and electronics, conducted by Guillaume Bourgogne. Flute: Sara Antikainen. Performed at *Maison des Compagnies* on 18 September 2018, Geneva. 10'

Variationen über ein geometrisches Thema nach Kurt Kranz Teil I und II (2019) for orchestra and electronics, recorded by the MDR Symphony Orchestra in Leipzig conducted by Ulrich Kern, and performed at the Schaubühne Lindenfels on 28 November 2019, Leipzig, Germany. 22'

Inseln und Flaschen (2019) for ensemble, performed by the Digital Bauhaus Orchestra in the SEAM auditorium in Weimar and at Musikbalkon as part of the ZKM festival in Karlsruhe on 8 June 2019, Germany. 7'

L'aire du Verseau (2018) for 4 guitars, ensemble and electronics, performed by Ensemble 21 conducted by Kanako Abe at Ernest Ansermet Hall on 9 June 2018, Geneva. 7'

Ricordi di un egoista (2017) for narrator, choir and ensemble premiered by Ensemble 21 conducted by Marcel Ortega I Marti at the Grande Salle du Conservatoire, Geneva. 6'

Le coeur en veille (2013) for string orchestra, ensemble and electronics, performed by the Orchestre du Conservatoire du Val-Maubuée, conducted by Jean-Pierre Henry. 6'

Les extrêmes compatissants (2013) for ensemble performed by the Orchestre du Conservatoire du Val-Maubuée, conducted by Jean-Pierre Henry. 7'

Chamber Music and Solo

Enchanté ! (2026) for flute and alto violin. Alex Huyghebaert and Marilou Lepage. Concert of Collectif Radiance, scheduled on 4 April 2026 at Sala Rossa, Montreal. 7'

Überschritten (2019) for string quartet, performed by the TANA Quartet during the Arco Academy on 5 July 2019 in Marseille, France. 7'

Suite de Gobi (2018) for two guitars and electronics performed by Pierre Willimann and Benjamin Lavastre. Premiered on February 14, 2018 at Auditorium Uni-Mail, Geneva. 6'

Raptime (2017) for rapper, percussionist and electronics, performed by Dr. Koul and Gabriel Valtchev at the Archipel Festival, Geneva, 26 March 2017, and at Gare du Nord–Bahnhof für Neue Musik in Basel. 6'

Prélude (2017) for viola and electronics, performed by Dario Sabater Herraiz, on February 3, 2017 at Auditorium Uni-mail, Geneva. 15'

Silta (2016) for mezzo-soprano, harp and double bass, performed by Emma Suszko, Clémence Boinot and Francesco D'Innocenzo, conducted by Michele Spotti on 6 May 2016, Grande Salle du Conservatoire, Geneva. 7'

Acousmatic

Rêverie pour Samba (2018), electroacoustic piece created for the *Mobilité HES-SO* project, Geneva. 5'

Les voix genevoises (2017) electroacoustic piece created for the project *Miroirs – exposition à ciel ouvert*, Geneva. 6'

Biri Grande (2016) electroacoustic piece presented at Auditorium Uni Mail, February 5, 2016, Geneva. 5'

Autobiografia sem factos (2013) after Fernando Pessoa, electroacoustic piece premiered May 10, 2013 at Auditorium Jean Cocteau Noisiel, France. 12'

Pedagogical work

La chambre de Jade (2015), musical tale for a music and dance school, performed by students of Julian Broudin, Audrey Gelsi, Cyrille Lévy and Benjamin Lavastre, Auditorium USCRM, premiered March 29, Marseille, France. 45’

P E R F O R M E R

Digital Musical Instruments (Karlax, T-Stick)

Essai de coexistence sonore by Mael Oudin (2026). Trio Oudin-Gozzi-Lavastre for doublebass, augmented guitar and Karlax, Will be performed on 2 April 2026, Concert of Collectif Radiance Sala Rossa, Montreal, on

Trio for 3 T-Sticks (2026). Trio Moriceau-Goudreau-Lavastre for 3 T-Sticks. Université de Montréal.

Instrumental Interaction VI (2025) for solo Karlax, Opéra Wirth, Montréal, as part of the conference CMMR2025 on 6 November 2025, V&A East Store House, London 2024.

Duet for 2 Karlax with Brice Gatinet (2025) as part of Collectif Radiance Concert performed on 25 April 2025, at Sala Rossa, Montreal.

Instrumental Interaction IVb (2024) with the Quasar Saxophone Quartet, premiered on 27 June 2024 at Domaine Forget, Sainte-Irénée, Québec, Canada. 7’

Instrumental Interaction IVa (2023) for solo Karlax (improv@cirmmt, Tanah Hall McGill University 20 May 2022), fête Peter-McGill, Square Cabot 15 September 2023.

Guitar

Instrumental Interaction III (2024) for guitar and Karlax with Brice Gatinet (Live@Cirmmt, Salle Claude Champagne, Opéra Wirth, Montréal).

Voice/violin/guitar trio with Patrice Toulat and Dario Sabater Herraiz (*Songs and Swing*) (Auditorium BIMAG Ambilly, Librairie Albatros Genève, Place des Volontaires, Genève among others), 2019-2021.

Creation of contemporary pieces, Festival Impuls 2019 with Mats Scheidegger.

Guitar Duo with Pierre Willimann (Auditorium du Conservatoire de l’Ouest Vaudois in Lausanne, Auditorium du conservatoire d’Evian, USCRM Marseille, among others), France-Switzerland, 2018-2020.

Solo Project: *Django/Lobos* (Pieces by Django Reinhardt and Heitor Villa-Lobos) Auditorium EMDT Cluses), France, 2016.

“The guitar in all its forms” with Arjan Bakker and Cyrille Lévy, USCRM, Marseille, 2015.

Mandolin/guitar duo with Michele Peladan (Festival World Guitars, Villars-Colmars France, Comptoir de la Mode et des Arts Marseille, among others) 2013-2015.

Violin/guitar duo with Olivia Benedetto (Festival “Le classique c’est pour les vieux” , Opéra restaurant, Paris), 2011-2013.

Gipsy Jazz band *Manouch ’crew* (Cruis festival, Lagny jazz festival, among others), 2005-2010

Singer

Grand Choeur de la HEM, dir. Nicolas Farine (Gabrielli, Copland, Whitacre)

Choeur des Musicales de Grillon, Arturo Corrales (*The Creation*, Haydn)

Le Choeur Contemporain, dir. Roland Hayrabedian (Zad Moultaka, Jesper Nordin, among others)

Ensemble Vocal Angelos, dir. Valery Aubertin (Romantic and contemporary repertoire)

Musica Ficta Ensemble Vocal, dir. François Gourdeau (Renaissance, modern, contemporary repertoire: Clément Janequin, Olivier Messiaen, Florent Schmitt)

Ensemble Musical Mediterranéen, dir. Serge Paloyan (*St John Passion* by Bach, *Requiem* by Mozart, among others)

A W A R D S, F E L L O W S H I P S, R E S I D E N C I E S

2025	CIRMMT Travel Award (Conference CMMR25, London)
2025	ACTOR Student Presentation Funding (Geneva, Switzerland)
2025	Residency at CEM with Ensemble Éclat, Chicoutimi (Quebec)
2024	CIRMMT Travel Award (Conferences Ircam Forum, RNRM25, Paris)
2023	CIRMMT Student Award (with Linglan Zhu and Mael Oudin).
2022	CIRMMT Student Award (with Linglan Zhu).
2021-2026	Research grant from the Fonds de Recherche Québécois (FRQSC)
2021	Residency at Villa Maraini on Music and Urban Design, Rome, Italy
2020	Schulich Grad Scholarship + Grad Excellence Award
2020	Paléo Award 2020, HES-SO (Haute École Spécialisée, Suisse Occidentale)
2018	Conseil d’État de Genève Award
2017-2018	Scholarship from Hans Wilsdorf Foundation (2017-2018)

TEACHING EXPERIENCE

- Winter 2025 **Teaching Assistant**, McGill University, Montreal, Canada
Course: **Advanced Digital Studio Composition II** (MUCO 542)
Professor: *Sean Ferguson*
- Teaching and office hours with undergraduate and master's students on the composition of a mixed piece with real-time processing using Max/MSP
 - Teaching of the use of DSPs and spatialization modules (Spat, ICST, SpatGris)
 - Coordination and organization of students concert with mixed pieces with real-time electronics (rehearsals, technical set-up and tear-down)
- Fall 2024 and
Fall 2023 **Teaching Assistant**, McGill University, Montreal, Canada
Course: **Advanced Digital Studio Composition I** (MUCO 541)
Professor: *Sean Ferguson*
- Teaching and office hours with undergraduate, master and doctoral students in programming and composition techniques using Max/MSP (MIDI protocol, programming for real-time audio processing).
 - Prepared and delivered lectures including analysis of electroacoustic and mixed pieces.
 - Teaching of use of DSPs and sound synthesis techniques.
 - Follow up with students' project (Mixed project with audio)
- Winter 2024 **Teaching Assistant**, McGill University, Montreal, Canada
Course: **Digital Studio Composition II** (MUCO 342)
Professor: *Philippe Leroux*
- Teaching of recording techniques, DSPs, sound synthesis (FM8, VSTs), use of DAWs (Logic, Reaper, Live Ableton), composition assisted software (Max, bach and cage Library, OpenMusic and Orchidea), and spatialization modules (Spat, SpatGris, ICST).
 - Met with students for their artistic project for a mixed piece for acoustic instrument and fixed electronics.
 - Gave lectures and led class discussions about mixed music, influence of electronic music on instrumental wrting and extended techniques.
 - Exam preparation and grading.
 - Coordination and organization of students mixed piece concert including rehearsals, technical set-up and tear-down (speakers, audio interface, mixing-desk, microphones, pedal, etc.).

Winter 2024 and Winter 2023	Workshop leader (first year co-leading with Takuto Fukuda), McGill University, Montreal, Canada Workshop: Composing and performing with DMIs (Digital Music Instrument) as part of the MUCO 342 course • Teaching basic composition techniques with DMIs (Introduction to the interface, their main sensors, mapping techniques, interaction strategies with acoustic instruments, spatialization, sound synthesis and gestural expression). • Follow up with students' project • Coordination and organization of students' concert (Mixed pieces with DMIs).
Fall 2022 and Fall 2021	Teaching Assistant, McGill University, Montreal, Canada Course: Digital Studio Composition I (MUCO 341) <i>Professor: Philippe Leroux</i> • Teaching of acoustics, recording techniques, history of electroacoustic music, DSP and sound synthesis techniques. • Teaching of use of DAWs, Digital signal processings modules, and introduction to composition and sound synthesis and spatialization softwares (Logic, Reaper, Protools, Max, OpenMusic, Audiosculpt, GRMTools, Spat, Spear, Orchidea, FM8, among others). • Meeting with students and individual lessons focusing on compositional, conceptual and notational issues. • Constructive feedbacks on students artistic and musical projects. • Exam preparation and grading. • Coordination and organization of student concert (acousmatic pieces).
2010-2021 2025-2026	Guitar teaching Teaching classical guitar at conservatoires, music schools and private lessons, ensemble conducting, organization of student concerts, project teaching involving several classes, exam preparation, coordination and participation for jurys, guest teachers and artists. - Conservatoire Populaire de Musique Danse et Théâtre de Genève, Geneva, Switzerland, (2017-2018) (2019-2021) - Conservatoire de Musique de Genève, Geneva, Switzerland (2017-2018) - École MOSAIC, Geneva, Switzerland (2017) - Conservatoire de Musique d'Évian, France (2016-2017) - École de Musique de Danse et Théâtre de Cluses, France (2015-2017) - Association USCRM, Marseille, France (2013-2015) - Conservatoire à Rayonnement Intercommunal du SAN Ouest Provence, Istres, France, (2013-2014) - Conservatoire de Musique de Quincy-Voisins, France (2010-2013) - Maison pour Tous de Noisiel, France (2010-2012)

RELATED EXPERIENCES

- 2023-2026 ***Technical assistant for mixed music (programming, computer music, recording, multichannel diffusion, live performance, mixing, miking)***
- *Comme la nuée porte l'orage*, piece for orchestra and electronics by Jonas Regnier by the McGill Symphony Orchestra (14 February 2026, Salle Pierre Mercure, Montréal)
 - Concert *Broken Spaces* by Ensemble Éclat, January 2026, espace le Vivier, Montreal
 - Concert Henri Oppenheim at Centre des Musiciens du Monde, Montreal, 16 September 2025
 - Concert of « À l'écoute du Geste », Ensemble Éclat, Festival MNM 2025, MMR, 21 February 2025
 - Concert Fête Peter-McGill, Mixed pieces concert from students from McGill, 15 September 2023
- 2025-2026 ***Arrangements and orchestration***
- Realization of arrangements and orchestration of popular and jazz songs for ensemble for TV shows in France
- 2023 ***Producer of a mixed pieces concert***
- Employer: Montreal City, September 15, 2023 as part of the Peter-McGill concert series, Montreal.
- Production of a concert featuring mixed pieces with real-time processing and involving digital music instruments (Programming, sound check, mix).
 - Coordination and organization of rehearsals, technical set-up
- 2013-2015 ***Chair of the music department at a dance and music school (USCRM), Marseille, France.***

SKILLS

Computer

MAC and PC user.

Softwares: proficient in Max/MSP (bach, cage, FluCoMa), Reaper, ProTools, Live Ableton, Logic Pro,, Ircam-Spat, SpatGris, OpenMusic, Orchidea, GRMTools, Partiels, ASAP, Spear, Surge XT, Finale.

Experience working with Pure Data, SuperCollider, JavaScript, Python, Kontakt, Dorico, Da Vinci, TouchDesigner.

Website design: experience working with Wordpress.

Synthesizers and Digital Musical Instruments

Moog Synthesizers, MiniMoog, Karlax, T-Stick, Eigenharp, Meta-Instrument, Ableton Push.

Languages

French : Mother tongue

English : Fluent

Spanish : Intermediate level (B2)

German : Intermediate level (B1)

Portuguese : Intermediate level (B2)

AFFILIATIONS

CIRMMT	Center of Interdisciplinary of Research, Music, Medias and Technology
IRCAM	Institut de recherche et coordination acoustique/musique
ACTOR	Analysis, Creation, and Teaching of Orchestration
IDMIL	Input Devices and Music Interaction Laboratory
ICMA	International Computer Music Association
CEC	Canadian Electroacoustic Community (CEC)
Le Vivier	Community initiative to facilitate the development of new music in Montreal
BabelScores	Publisher, online library for contemporary music
MASC	McGill Association Society for Composers (MASC)
SACEM	Society of Writers, Composers, Editors of Music (France)
CDMC	Centre de documentation de la musique contemporaine (France)
DCS	Digital Composition Studios of Schulich School of Music

PREVIOUS FORMATION & EXPERIENCE

2007-2012	Environmental Educator (CPIE Pays d'Aix, Association Alliance Terre Vie), France.
2006-2007	Professional degree (Licence) in environmental education and scientific mediation, IUT Tours, France. Diploma obtained in 2007.
2004-2006	DUT (Technological University Diploma) Biological and Environmental Engineering, IUT Digne-les-Bains, France. Diploma obtained in 2006.