Federico Nicolás Cámara Halac

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Education

Ph.D in Music Composition and Theory

September 2013 - June 2019 — New York, NY (USA)
New York University, Graduate School of Arts and Sciences
Dissertation title: *"Database Music: A History, Technology, and Aesthetics of the Database in Music Composition"*. Committee: Jaime Oliver La Rosa (chair), Elizabeth Hoffman, Martin Daughtry, William Brent (American University), and Robert Rowe (NYU Steinhardt)

Licenciate in Music Composition

March 2006 - July 2012 — Córdoba (Argentina)
Universidad Nacional de Córdoba, Facultad de Artes
Thesis Title: *"A Form of Pleasure: Music as an Experience of Pleasure"*. Committee: José Halac (chair), Eleazar Garzón, Sergio Poblete, Claudio Bazán, and Pablo de Giusto.

Professional Appointments

2019 - 2021 — Columbus, OH (USA)
Postdoctoral Scholar in Immersive Audio
The Ohio State University, School of Music — Global Arts and Humanities Discovery Theme, Advanced Computing Center for the Arts and Design (ACCAD)

Publications

Conference Proceedings

Sep 28 2021 — International Conference on Music Perception and Cognition — ESCSM
> **Visual Cues as an Aid in the Auditory Stream Segregation of Music**
> *Samantha Burgess, Federico Camara Halac, and Daniel Shanahan*

Aug 09 2021 — SIGGRAPH
> **'The Woods:' A Mixed Reality Two-Player Cooperative Game**
> *Scott Swearingen, Kyoung Swearingen, Federico Camara Halac, Sruthi Ammannagari, and Matt Hall*

Jul 25 2021 — International Computer Music Conference
> **DreamSound: Deep Activation Layer Sonification**
> *Federico Camara Halac and Matias Delgadino*

Oct 11 2017 — International Computer Music Conference
> **A Spectral Experience: Self Convolution and Face Tracking**
> *Federico Camara Halac and Matias Delgadino*

Conference Panel

Sep 13 2021 — Festival Atemporáneas
> **A History of the Database in Computer Music**
> *Federico Cámara Halac*

Mar 05 2020 — Jornadas De Informática Y Electrónica Musical - Espacios Sonoros
> **[clone fd_dacout]: real-time massively multichannel spatialization in Pure Data**
> *Federico Camara Halac*

Conference Poster

Jan 24 2020 — New Interfaces for Musical Expression
> **PathoSonic: Performing Sound In Virtual Reality Feature Space**

Federico Camara Halac and Shadrick Addy

Phd Dissertation Defense

May 06 2019 — New York University
Database Music: A History, Technology, and Aesthetics of the Database in Music Composition
Federico Camara Halac

Invited Talk

Jun 11 2018 — Delian Academy for New Music
Composing Database: Opening A Space For The Concept Of An Anarchic Unwork Of Art.
Federico Camara Halac

Jun 15 2016 — Universidad Nacional de Córdoba
Inopera: A Multimedia Work for Loadbang and Pure Data
Federico Cámara Halac

Peer-Reviewed Magazine

Aug 10 2017 — Open Space Magazine - Issue 21
'For Young Years:' A Response To Elsa Justel's Marelle
Federico Camara Halac

Awards and Honors

Fellowship

2018 — Berlin (Germany)
Dean's Dissertation
Graduate School of Arts and Sciences (New York University)

2018 — Florence (Italy) — 2017 — Paris (France)

Graduate Research Initiative

Provost (New York University)

2013 — New York City (USA)
the Henry M. Maccracken Program
Graduate School of Arts and Sciences (New York University)

Conference Fund

2017 — Shanghai (China)
Student Senators Council
Graduate School of Arts and Sciences (New York University)

Mention

2015 and 2014 — Buenos Aires (Argentina)
Selected Works
Fundación Destellos (Fundación Destellos) "Ciudad Invertida" and "Venas"

Performances

Live Electronics

23 April 2021 — CCRMA - Stanford, CA (USA)
SEAMUS (TWELVE) — *Sonic Arts Ensemble at OSU* Thornblower

22 April 2021 — EDAM Festival - Indianapolis, IA (USA)
Earth Day Art Model 2021 — *The Sonic Arts Ensemble at OSU* Thornblower

06 April 2021 — Netty McNetface - Columbus, OH (USA)
Sonic Arts Ensemble Live-Stream Performance — *The Sonic Arts Ensemble at OSU* Thornblower

20 October 2020 — The Wexner Center for the Arts - Columbus, OH (USA)
Into The Multiverse — *The Sonic Arts Ensemble at OSU* Thornblower

09 May 2020 — La Cupula Galeria de Arte - Córdoba (Argentina)
CyberJam en La Cupula — *Hijos de Distinta Madre* Pure Data, joyosc, and a PS4 Controller

04 March 2020 — Espacio B - Madrid (Spain)
Concierto de arte sonoro en Espacio B — *Ricardo Barney & Pedro Fraguela* Laptop

15 January 2020 — Movement Lab at Barnard College - New York City, NY (USA)
CLIMATE GATHERING — *Norah Zuniga Shaw, Livable Futures* Max/MSP and Ipad

21 December 2019 — La Cupula Galeria de Arte - Córdoba (Argentina)
HDDM + ffddcchh + Marmotas Dreams & friends — *Hijos de Distinta Madre* Pure Data, joyosc, and a PS4 Controller

19 December 2019 — Casa Mandarina - Córdoba (Argentina)
HDDM + ffddcchh — *Hijos de Distinta Madre* Pure Data, joyosc, and a PS4 Controller

08 December 2019 — La Cupula Galeria de Arte - Córdoba (Argentina)
Mermetom + Fede Camara Halac — *Mermetom (Gustavo Alcaraz & Vero Guevara) and* Pure Data, joyosc, and a PS4 Controller

23 September 2019 — ACCAD Motion Lab - Columbus, OH (USA)
Virtuoso Chances — *Andreas Weixler, Se-Lien Chuang, Marc Ainger, Ann Stimmson, and the Sonic Arts Ensemble* Pure Data, joyosc, and a PS4 Controller

03 August 2017 — Cube Fest at Virginia Tech - Blacksburgh, VA (USA)
Lorenz Variations — *Laptop Performance* Computer and speakers

06 August 2016 — Centro Cultural Graciela Carena - New York City, NY (USA)
Canon — *Proyecto[Red]Ensamble* Midi controller and Laptop

Live Video And Electronics

19 June 2017 — NYU Waverly Labs r.220 - New York City, NY (USA)
Electroacoustic Improvisations — *Joan Bages i Rubi, Bernardo Barros, Kyle Motl, and Joan Marti Frasquier* Midi controller and Laptop

07 April 2017 — The Dimenna Center for Classical Music - New York City, NY (USA)
a.le.a — *Talea Ensemble* Midi controller and networked Laptops

22 November 2016 — ShapeShifter Lab - New York City, NY (USA)
Ciudad Invertida — *RAGE THORMBONES* Laptop

11 October 2016 — ShapeShifter Lab in Brooklyn - New York City, NY (USA)
Opening Portals — *Jessica Rosen* Bookentiometers

29 September 2016 — Waverly Labs, r.220 - New York City, NY (USA)
sk — *TAK Ensemble* Laptop

20 April 2016 — The Dimenna Center for Classical Music - New York City, NY (USA)
INOPERA — *Loadbang Ensemble* Midi controller and Laptop

20 August 2015 — Bienal 3 en Composición e Investigación Musical - Córdoba (Argentina)
Ciudad Invertida — *Rocío Elizalde y Manuel Pastrana* Laptop

06 February 2015 — German Consulate - New York City, NY (USA)
Mise-En at German House — *Samuel Marques* Pure Data live processing

21 April 2014 — NYU Silver Center r.220 - New York City, NY (USA)
Momenta Quartet Plays NYU Composers — *Momenta Quartet* Laptop

Pianist

12 November 2012 — Auditorio CePIA - Córdoba (Argentina)
Spring Concert — *Proyecto[Red]Ensamble* Piano

05 September 2012 — Auditorio CePIA - Córdoba (Argentina)
John Cage Festival — *Proyecto[Red]Ensamble* Piano

29 June 2012 — Aula Magna FCEFyN - Córdoba (Argentina)
Concierto de Alquimistas — *Proyecto[Red]Ensamble* Piano

12 June 2012 — Auditorio CePIA - Córdoba (Argentina)
Concierto Final de Tesis — *Proyecto[Red]Ensamble* Piano

10 March 2012 — Paseo del Buen Pastor - Córdoba (Argentina)
Guest Pianist — *LAMOI* Piano

Performer

01 November 2012 — Auditorio CePIA - Córdoba (Argentina)
Aniversario de la Facultad de Artes — *Proyecto[Red]Ensamble* Piano, Trumpet, Midi Controller

23 August 2012 — Auditorio CePIA - Córdoba (Argentina)
Concert at B2CIM — *Proyecto[Red]Ensamble* Piano, Trumpet, Midi Controller

10 August 2012 — Centro Cultural España Córdoba - Córdoba (Argentina)
Ciclo Experimentalia — *LEIM Ensamble* Piano, Analog Synthesizer

Teaching

The Ohio State University, Professor
Computational Musicology 8824 (Spring 2021) — *School of Music*

The Ohio State University, Professor
Sonic Arts Ensemble (Fall 2021, Spring 2020, Fall 2019) — *Advanced Computing Center for the Arts and Design*

New York University, Course Assistant
Computer Music Theory and Techniques (Fall 2016) — *Faculty of Arts and Science*

New York University, Professor
Harmony and Counterpoint I (Fall 2015) — *Faculty of Arts and Science*

New York University, Teaching Assistant
Harmony and Counterpoint II (Spring 2015) — *Faculty of Arts and Science*

New York University, Teaching Assistant
Harmony and Counterpoint I (Fall 2014) — *Faculty of Arts and Science*

Artistic Collaborations

Network Performance Music

2021 (ongoing) — Córdoba (Argentina)
1002: A Networked Music Performance with CollidePd — *International Computer Music Conference* — Federico Ragessi

Installation

2019 (ongoing) — Columbus, OH (USA)
The Woods — *Advanced Computing Center for the Arts and Design* — Kyoung Swearingen, Scott Swearingen, Marc Ainger, Sruthi Ammanngari, and Matt Hall

2017 — Shanghai (China)
Hearing the Self: A Spectral Experience — *Xuhui Art Muesum* — Matias Delgadino and Lucia Simonelli

Theatre

2013 — Córdoba (Argentina)
Poroto — *Pabellón Azul - UNC* — Celeste Lozada and Valentina Echeverría

Opera

2013 — Rio Cuarto , CBA (Argentina)
Los Chicos de Abril — *Teatro Municipal de Río Cuarto* — Luis Perez, Pablo Behm, and Franco Pellini

Theatre

2012 — Córdoba (Argentina)

Itinerante: un Viaje a Través de Los Sentidos — *Sindicato de Vendendores de Diarios y Revistas* — Agustina Muñoz

Service

Disciplinary Service

2020-ongoing — New York City (USA)
Reviewer — *New Interfaces for Musical Expression* — Paper and Installation submissions

2019-2020 — Buenos Aires (Argentina)
Reviewer — *Festival Atemporaneas* — Installation, Audiovisual, and Sound Art submissions

2018-ongoing — New York City (USA)
Reviewer — *New York City Electroacoustic Music Festival* — Music submissions

2018-ongoing — New York City (USA)
Reviewer — *International Computer Music Conference* — Installations and Music Submissions

2016 — New York City (USA)
Organizer — *PdCon16~* — Website and Conference Program

University Service

2013-2017 — New York City (USA)
Founding Member — *Waverly Project* — Website and Program