

CURRICULUM VITAE · 2026

Hugo **Solís García**

Electronic artist. Sound, digital technologies and interactivity.

HUGOSOLIS.NET

HUGOSOLI@GMAIL.COM

BIOGRAPHY

Listening to the city, making the machine sound.

Hugo Solís García (Mexico, 1976) is an electronic artist, composer, pianist and researcher. His work explores the creative and aesthetic possibilities that arise where sound, digital technologies and interactivity meet: sound installations and sculptures, acoustic pianos activated by robotics, urban soundscapes, networked and data-driven works, and electroacoustic improvisation. Since *Sonoridad Delta* he has worked steadily with the sound of the city.

His work has been shown and performed in Mexico, the United States, Japan, South Korea, Canada, Brazil, Spain, Italy, Portugal, Northern Ireland, Armenia and Greece, at venues such as the Laboratorio Arte Alameda, the Fonoteca Nacional, the Centro de Cultura Digital, the Centro Multimedia at CENART, UAM's Galería Metropolitana, Tokyo Wonder Site and the Jack Straw New Media Gallery, and at festivals such as Transitio_MX, ICMC, ISEA, Bumbershoot and CYFEST, whose recent editions took him to Yerevan, Thessaloniki and Venice.

He holds a PhD in Digital Arts and Experimental Media (DXARTS) from the University of Washington and a Master of Science in Media Arts and Sciences from the MIT Media Lab; he completed a DEA in Computer Science and Digital Communication at the Universitat Pompeu Fabra and trained as a pianist at UNAM's Escuela Nacional de Música. He developed creative tools such as IMPI and Juum, founded the Trío Nicrom and the ensAmble Crumble, and improvises with the Dúo Juum.

He is a full-time tenured professor in the BA in Digital Art and Communication at UAM Lerma and teaches the graduate seminar *Fundamentos de cómputo musical* (Foundations of Music Computing) at UNAM's Facultad de Música. He is a member of Mexico's National System of Researchers, level I, and was a member of the National System of Art Creators (2013–2016 and 2019–2022). He directed the Technology, Media and Interaction area of the Centro de Cultura Digital (2012–2013), was general co-chair of NIME 2023 and curated *Poéticas de lo latente* (Poetics of the Latent) for MUTEK MX 2025. He is the author of the book *El proceso en la producción de arte electrónico* (The Process of Producing Electronic Art, 2019).



WAVEFORM · CENTRAL OBSERVATORIO, I. ORIGEN (2002)

39	59	33	43
works and installations	concerts and performances	awards, grants and distinctions	lectures and talks

01 Education

2006–2014 — **Doctor of Philosophy, Digital Arts and Experimental Media**
Center for Digital Arts and Experimental Media (DXARTS), University of Washington · Seattle, USA

2004–2006 — **DEA in Computer Science and Digital Communication**
Music Technology Group, Universitat Pompeu Fabra · Barcelona, Spain

2002–2004 — **Master of Science in Media Arts and Sciences**
MIT Media Lab, Opera of the Future group · Cambridge, USA

1996–2001 — **Bachelor's degree in Piano**
Escuela Nacional de Música, UNAM · Mexico City

02 Academic positions

now — **Full-time tenured professor**
BA in Digital Art and Communication, UAM Lerma

2013–2015 — **Full-time professor**
Tecnológico de Monterrey, Mexico City campus

2012–2013 — **Director of Technology, Media and Interaction**
Centro de Cultura Digital, CONACULTA · Mexico City

03 Works

2026 MAR — *Tzompantli* AUDIOVISUAL
Universidad Autónoma Metropolitana, Lerma campus, Lerma, State of Mexico

2025 SEP — *Metaphors for Dead Pianos V (MX)* SOUND INSTALLATION
Centro de Cultura Digital, CYFEST 16, Mexico City

2025 JUN — *Crimen, Cuerpo y Capital: An Unethical Analysis of Viral Hits* RADIO ART
Mexico City, MX

2025 JUN — *Sound Robots* SOUND INSTALLATION
Binary Art Gallery, Centro Multimedia, CENART, Mexico City

2025 MAR — *Ausencia de vacío (Absence of Emptiness)* DATA
Mexico City

2024 NOV — *Metaphors for Dead Pianos IV (Yerevan)* SOUND INSTALLATION
Yerevan Botanical Garden, CYFEST 16, Armenia

2023 SEP — *Materialidades intangibles (Intangible Materialities)* SOUND INSTALLATION
Galería Metropolitana, UAM, Mexico City

2021 AUG — *Data-civitas* DATA
Espacio Uruguay, Mexico City

2020 NOV — *LUCA* COMPOSITION
LUCA digital magazine

2020 OCT — *Resonant Objects 2.0* NET ART
Instituto Zacatecano de Cultura Ramón López Velarde, Zacatecas

2020 MAY — *Amores1874* SOUNDSCAPE
Site Specific, CDMX

2019 SEP — *Bauhouse* INTERACTIVE WORK
UAM

2019 MAR	*SonusGO* SOUNDSCAPE Centro de Cultura Digital, Museo del Metro, University of Regina
2018 NOV	*Resonant Objects* SOUND INSTALLATION Laboratorio Arte Alameda. Re-activation of the piece in the exhibition Modos de Oír, 2018
2018 OCT	*Sono-Lumínica Mano Morse* SOUND INSTALLATION Laboratorio Arte Alameda, Mexico City
2018 AUG	*SONODE* SOUNDSCAPE International Computer Music Conference (ICMC), Korea
2016 DEC	*Urban Megaphones* SOUND INSTALLATION Zanbatha, Museo del Valle de la Luna, State of Mexico
2016 JUN	*Sound information network V1* NET ART Centro de Cultura Digital, Mexico City
2015 OCT	*Boy with Accordion* SOUND INSTALLATION Group exhibition Densidad Cero, Museo de Arte Contemporáneo de Oaxaca (MACO), Mexico
2015 MAR	*Sonoridad Delta* SOUND INSTALLATION Playa Ventura, Guerrero, Mexico
2013 SEP	*Helix Aspersa* SOUND INSTALLATION Transitio MX 05 Festival, Fonoteca Nacional
2011 NOV	*Axial* SOUND INSTALLATION Botanic Gardens, Seattle, USA
2011 AUG	*Diálogos Aeolicus* SOUND INSTALLATION
2011 JUN	*Collider* COMPOSITION Aoyama, Tokyo, Japan
2010 SEP	*Metaphors for Dead Pianos I, II and III* SOUND SCULPTURE
2010 MAR	*Exhalation Water* SOUNDSCAPE University of Washington
2010 FEB	*Swarms* INTERACTIVE WORK Kirkland Art Center, USA
2008 SEP	*ECoG - electrocorticography* COMPOSITION University of Washington
2008 JUN	*Tell Tale Piano* SOUND SCULPTURE McLeod Residence, Seattle, USA
2007 DEC	*Harlequin* SOUND INSTALLATION Seattle USA
2007 OCT	*Eyes can see you* NET ART Transitio MX 02 Festival, Mexico City
2007 FEB	*Juum* TOOLS
2006 DEC	*Ixchel* INTERACTIVE WORK Transitio MX, Seattle Art and Performance Promenade “In The Making”
2004 SEP	*IMPI. Improvisatory Music & Painting Interface* TOOLS Massachusetts Institute of Technology
2004 FEB	*Plurifocal Events Controller* TOOLS Japan
2003 APR	*Gestures* COMPOSITION MIT Media Lab, Toy Symphony, Boston and New York, USA

2002 DEC	*Perl Poem* COMPOSITION Boston MA
2002 MAY	*Central Observatorio* COMPOSITION Mexico City, MX
2002 MAR	*Radio Banda* RADIO ART Boston MA, USA

04 Concerts and performances



2026 JUN	**Crisálida** CEPROMUSIC, Mexico City, MX
2026 MAY	**Bridge IT–MX** CREA Cantieri del Contemporaneo, Venice, Italy
2025 NOV	**Bridge GR–MX** Experimental Center for the Arts, MOMus, Thessaloniki, Greece
2025 SEP	**Improvisations for a Performative Metaphor** Centro de Cultura Digital, CYFEST 16, Mexico City, MX
2025 JUN	**Meditatio Sonus at Arte Abierto** Arte Abierto, Mexico City, MX
2024 OCT	**In calli Ixcahuicopa, macromatic video opera** Centro Cultural Mexiquense Bicentenario, Texcoco, State of Mexico, MX
2024 MAR	**Sonus vivendi en 69”** Teatro Casa de la Paz, UAM, Mexico City, MX
2023 DEC	**III Ónix Contemporary Music Marathon** Laboratorio Arte Alameda, Mexico City, MX
2023 APR	**Lermosos, improvisation concert** Teatro Casa de la Paz, UAM, Mexico City, MX
2022 APR	**Gathering Light** Williams Chapel, Harvard Divinity School, Cambridge, USA
2020 DEC	**Collaborative multimedia improvisation, 3rd Colloquium on Space and Immersivity** Online, UAM Lerma, Lerma, State of Mexico, MX
2019 JUN	**1st Ónix Contemporary Music Marathon, Dúo Juum** Ex Teresa Arte Actual, Mexico City, MX
2019 MAY	**Desobediencia III. Cuerpo-Cage, with Atonal** Centro de Exploración y Pensamiento Crítico, Universidad Iberoamericana, Mexico City, MX
2019 APR	**Concert with Dúo Juum** Festival Cultural Zacatecas 2019, Zacatecas, MX
2019 MAR	**Piano Improvisation with Video Mapping** Callejón del Ruido Festival, Guanajuato, MX
2019 FEB	**Concert with Dúo Juum** Museo del Metro, Mexico City, MX
2018 AUG	**Dúo Juum Improvisation** Concert in the IX programme of the International Computer Music Conference, Daegu, KR
2018 APR	**Improvisation for Piano and Electronics** Casa del Tiempo, Leonardo 50 celebration, Mexico City, MX
2017 NOV	**Conjuro de la memoria, Dúo Juum** Ecos Urbanos Festival, Tec de Monterrey, Mexico City, MX
2017 SEP	**Conjuro de la memoria, Dúo Juum** Espacio Sonoro, Casa del Lago UNAM, Mexico City, MX

2017 JUL	**Dúo Juum Improvisation**	Seminar “Sound Art in Mexico: Memory and Present”, UAM, Mexico City, MX
2016 MAY	**Experimental Concert**	SET event, UAM–Texas State University, Lerma, MX
2015 NOV	**Sound art concert, Expo El Espacio**	Expo Ingenio El Espacio, San Cristóbal de las Casas, Chiapas, MX
2015 OCT	**Festival SONOM 2015**	Museo de Arte Contemporáneo de Oaxaca, concert with Manuel Barenguer and Manuel Rocha, Oaxaca, MX
2015 AUG	**Spatial Audio Workshop at the Cube, Virginia Tech**	Cube, Moss Arts Center, Virginia Tech, Blacksburg, Virginia, USA
2014 DEC	**ATL Concert**	Chapultepec Lake, concert with Alejandro Escuer, Mexico City, MX
2014 AUG	**¿Qué se hace con el miedo?, Dúo Juum**	Concert series organised by Ateneo Morelia, Morelia and Pátzcuaro, Michoacán, MX
2013 DEC	**Sound Archetypes: Bio-acoustic Discourses / the Sound of Anatomy**	Museo Universitario Arte Contemporáneo (MUAC), Mexico City, MX
2013 DEC	**Sound Artifacts Festival**	CENART gardens, Luces de Invierno festival, Mexico City, MX
2012 NOV	**Meditatio Sonus at the Audiorama in Chapultepec**	Audiorama, Chapultepec Park, Mexico City, MX
2012 JUN	**WhiteNoise Festival, Dúo Juum**	CENART, Mexico City, MX
2011 AUG	**Volta 05, Dúo Juum**	Museo Británico Americano, Mexico City, MX
2011 JUL	**Dorkbot MX 023**	Laboratorio Arte Alameda, Mexico City, MX
2011 FEB	**Tokyo Experimental Festival - Sound, Art & Performance II, Dúo Juum**	TWS Shibuya Gallery, Tokyo, JP
2009 APR	**DXARTS Concert**	Chapel Performance Space, solo improvisation, Seattle, USA
2008 NOV	**Conjuro de la memoria, Dúo Juum**	Chapel Performance Space, Seattle, USA
2008 OCT	**Pixilerations Festival**	URI Shepard Building Auditorium, solo improvisation, Providence, USA
2008 SEP	**Instrumenta Contemporánea Festival**	Museo de la Filatelia, Oaxaca, MX
2008 AUG	**Unused Lexical Variable, Dúo Juum**	Gallery 1412, Seattle, USA
2008 APR	**DXARTS Concert**	Meany Hall, University of Washington, solo improvisation, Seattle, USA
2008 MAR	**Vértice, Dúo Juum**	Teatro de la Ciudad, CD launch, Hermosillo, MX
2007 NOV	**Seattle Latin American Music Festival, Dúo Juum**	Chapel Performance Space, Seattle, USA
2007 JUL	**Piano Christening, Dúo Juum**	Chapel Performance Space, Seattle, USA
2007 JUN	**Duet of Duets, Dúo Juum**	Seattle–Portugal, telematic improvisation by Dúo Auro and Dúo Juum, Seattle, USA
2007 JUN	**Dúo Juum Concert**	Chapel Performance Space, Seattle, USA

2007 APR	**Sonorities Festival 2007, Dúo Juum**	Sonic Lab, Sonic Arts Research Centre, Belfast, UK
2007 APR	**DXARTS Concert**	Meany Hall, University of Washington, solo improvisation, Seattle, USA
2007 MAR	**Dúo Juum at Hayastan**	Hayastan, historic centre, Mexico City, MX
2006 JUL	**EnsAmble Crumble + reacTable Concert**	Galería Metronom, collective improvisation, Barcelona, ES
2006 JUL	**Uno Uno Prima Festival**	Teatro al Parco, solo and collective improvisations, Parma, IT
2003 MAY	**Toy Symphony Project**	Winter Garden, World Financial Center, New York, USA
2002 JUN	**XXIV Manuel Enríquez International New Music Forum**	Auditorio Blas Galindo, pianist in "Reflejos" by Salvador Rodríguez, Mexico City, MX
2001 NOV	**EXPO UNAM 450 Years**	Palacio de Minería, concert with Trío Nicrom, Mexico City, MX
2001 NOV	**EXPO UNAM 450 Years**	Palacio de Minería, solo concert with electronic media, Mexico City, MX
2001 OCT	**III Sinaloa Arts Festival**	Pianist in the show "El canto como arte escénico de México", Tour of several cities in Sinaloa, MX
2001 JAN	**Trío Nicrom Concert Season**	IMSS Teatro Morelos and Teatro Félix Azuela, Mexico City, MX
2000 JUN	**XXII Manuel Enríquez International New Music Forum**	Auditorio Blas Galindo, synthesizer player in "Floof" by Esa-Pekka Salonen, Mexico City, MX
1999 NOV	**Reminiscencias**	Casa de la Cultura, Universidad Autónoma del Estado de México, music for deaf audiences, Mexico City, MX
1994 MAR	**Second UNAM Inter-school Music Competition**	Museo del Chopo, composition and performance, Mexico City, MX

05 Collaborations



2026 JUN	***How to Draw Futures with Pedro Ramírez Vázquez*** VIDEO MAPPING	Rectoría General lattice, UAM, Mexico City
2026 JUN	***Flujos*** AUDIOVISUAL	Galería Délfica, UAEMitas Building, UAEMéx, Toluca, State of Mexico
2025 AUG	***Hiroshima, video poem*** POETRY	Universidad Anáhuac México, Mexico City
2024 MAY	***Video Mappings with UAM Lerma Students*** VIDEO MAPPING	Lerma, State of Mexico, MX
2023 DEC	***Voces transparentes (Transparent Voices)*** FILM	Mexico
2023 OCT	***El llanto de las tortugas (The Crying of the Sea)*** FILM	Mexico
2022 JAN	***SoundFlock*** NET ART	Music Technology Group, SUICREA – LaCreMus, Online, Mexico and Bolivia
2021 SEP	***The Garden of Uncertainty*** NET ART	Ars Electronica 2021, online exhibition
2021 JUL	***«Towards other writings» laboratory*** EXPANDED LITERATURE	Casa del Lago UNAM, Poesía en Voz Alta 2021, Mexico City, MX

2020 NOV — *KNM 3D* NET ART
Ensemble KNM Berlin, Berlin, Germany

2020 OCT — *Calindros* NET ART
Casa del Lago UNAM, Space and Immersivity Symposium, Talk “About Calindros”, Foro II (online), 18 November 2020

2020 JUL — *Organismo sonoro: Agaricus Polychromo* SOUND INSTALLATION
Monterrey, Nuevo León, MX

2019 MAR — *Secrets from the Borne Settee* PERFORMING ARTS
Regina, Canada

2018 AUG — *periferia* COMMUNITY
Cuernavaca Morelos, Mexico

2018 JUN — *Quién cuenta* COMMUNITY
Mexico City

2016 MAR — *Los niños de la cruz* FILM

2013 MAR — *ATL: Liquid Testimony* PUBLIC SPACE
Chapultepec Lake, Mexico City

2011 MAR — *Los viejos del mezcal* FILM

2011 MAR — *Satélite Ulises* ART AND SCIENCE
CMDX

2010 APR — *Dance in the digital domain* PERFORMING ARTS

2006 JUL — *Ensamble Crumble* IMPROVISATION
Barcelona

2006 JAN — *Dúo Juum* IMPROVISATION

2001 JAN — *Trío Nicrom* IMPROVISATION
IMSS Teatro Morelos and Teatro Félix Azuela, Mexico City

1997 MAR — *Viandante* PERFORMING ARTS

06 Curating and coordination

2025 OCT — **Poéticas de lo latente** CURATION
Centro de Cultura Digital, MUTEK MX 2025 · Digi Lab, Mexico City, MX

2023 MAY — **NIME 2023, Mexico City** CONFERENCE
Biblioteca Vasconcelos and Centro de Cultura Digital, Mexico City, MX

2019 NOV — **Making-Off. Production of art, science and technology in Mexico** MEETING
Manuel Felguérez Gallery, Centro Multimedia, CENART, Mexico City, MX

2019 OCT — **2nd International Colloquium on Space and Immersivity** COLLOQUIUM
Fonoteca Nacional, Mexico City, MX

2016 DEC — **Digital Art Exhibitions (EAD), UAM Lerma** EXHIBITION
Zanbatha, Museo del Valle de la Luna, and online, Lerma, State of Mexico, MX

2014 OCT — **3rd InterMediArte Colloquium** COLLOQUIUM
UAM Lerma, Lerma, State of Mexico, MX

07 Awards, grants and distinctions

2024 — **Renewal in the National System of Researchers, level I**
CONAHCYT, Mexico

2022	Mexican delegate to Unlimited 2022, British Council British Council, London, UK
2022	Desirable Profile recognition renewed, PRODEP Secretaría de Educación Pública, UAM Lerma, Mexico
2019	Desirable Profile recognition, PRODEP Secretaría de Educación Pública, UAM Lerma, Mexico
2019	National System of Art Creators, 2019 FONCA, Mexico
2019	Chair of Contemporary Mexican Studies, University of Regina University of Regina, Regina, Saskatchewan, Canada
2019	National System of Researchers, level I CONACYT, Mexico
2018	Second place, ICMC 2018 Hackathon DGIST, Daegu, South Korea
2018	Cultural Projects and Co-investment Program 2017 FONCA, Mexico
2016	PRODEP grant for the Sonode project Secretaría de Educación Pública, Mexico
2015	NOVUS 2015 grant Tecnológico de Monterrey, Mexico
2014	Top-rated abstract, Leonardo Abstracts Service (PhD) Leonardo, MIT Press, USA
2013	MIT-MISTI Global Seed Funds MIT, Cambridge, USA
2013	Finalist, Arte Shock competition TV UNAM, Mexico City
2013	Cultural Projects and Co-investment Program 2013 FONCA, Mexico
2013	National System of Art Creators, 2013 FONCA, Mexico
2011	CityArtist Projects, City of Seattle Seattle Office of Arts & Cultural Affairs, Seattle, USA
2010	Artistic Residencies Program, Mexico–Japan FONCA, Tokyo Wonder Site, Tokyo, Japan
2010	Finalist, Arts Innovator Award Artist Trust, Seattle, USA
2010	Support Program for Production and Research in Art and Media Centro Multimedia, CENART, Mexico City
2010	4Culture, Individual Artist Projects 4Culture, Seattle, USA
2009	Mention at the 36th Bourges International Competition IMEB, Bourges, France
2008	Young Creators, FONCA FONCA, Mexico
2006	Center for Digital Arts and Experimental Media (DXARTS) fellowship DXARTS, University of Washington, Seattle, USA
2005	Top-rated abstract, Leonardo Abstracts Service (master's) Leonardo, MIT Press, USA
2004	FONCA grant for studies abroad FONCA, Universitat Pompeu Fabra, Barcelona, Spain

2002	TELMEX Fellow, master's degree at the MIT Media Lab Fundación TELMEX, Mexico
2002	Honorable mention, 4th International Radio Biennial Radio Educación, Mexico City
2001	Performers Support Program, FONCA FONCA, Mexico
2000	UNAM student mobility grant at New York University UNAM, New York University, New York, USA
1998	PAPIIT fellow, electronic instruments for composition UNAM, Mexico City
1996	Fundación TELMEX scholarship, undergraduate studies Fundación TELMEX, Mexico
1996	PAPIIT fellow, MUSIIC project UNAM, Mexico City

08 Publications

2024	The Process of Creating a Computational System: A Collective Audiovisual Composition. Chapter 39 in *Meta-Xenakis: New Perspectives on Iannis Xenakis's Life, Work, and Legacies* CHAPTER
2020	SonusGO; mecánicas de juego para la creación de mapas sonoros colectivos. CHAPTER
2019	Mecánicas de juego para la creación de mapas sonoros colectivos PAPER
2019	La producción de diseño gráfico a través de la programación computacional PAPER
2019	El Proceso en la Producción de Arte Electrónico; ISBN: 978-607-28-1513-1 BOOK
2018	SONODE; a collaborative sound map of Mexico City PAPER
2014	Axial; a Sound Art work of an oceanographic expedition THESIS
2006	Understanding Collective Gestural Improvisation; a computation approach THESIS
2004	IMPI; Improvisatory Music and Painting Interface THESIS
2004	Real-time Distributed Media Applications in LANs with OSC PAPER
2003	The Experience of Teaching and Collaborating with a Young Composer in the Creation of an Electro-acoustic Piece PAPER
2003	El espacio físico como variable estructural en música PAPER
2001	GAB; Sistema de Reinterpretación para Pianos THESIS

09 Lectures and talks

2026 OCT	Testimonio de oídas: Hugo Solís on Radio UNAM RADIO INTERVIEW Radio UNAM, Mexico City, MX
2026 OCT	Navigations in Electronic Art: A Personal Exploration KEYNOTE Mexico City, MX
2026 JUN	Navigations in Electronic Art: A Personal Exploration (UAEMéx) KEYNOTE Toluca, State of Mexico, MX
2026 APR	Identity, Crisis and Imagination; Digital Art as a Survival Mechanism KEYNOTE Monterrey, N.L., MX
2020 NOV	Computer programming for creating multi-environment sound experiences TALK Graduate Music Programme, UNAM, Mexico City, MX

2020 OCT	Sono-lumínica-mano-morse: pulsating study for narrating hands DIGITAL ART, ISEA2020 Montreal, Canada
2020 OCT	Diploma in University Accessibility for People with Disabilities DIPLOMA COURSE UAM Xochimilco, Mexico City, MX
2020 OCT	Art and interdisciplinarity in education: a case study at UAM PAPER La Colmena, Centre for Creative Technologies, Tlaxcala, MX
2020 SEP	International Media Archaeology Seminar SEMINAR Online, UAM Lerma, Lerma, State of Mexico, MX
2019 DEC	Book launch: «El proceso en la producción de arte electrónico» BOOK LAUNCH Guadalajara, Jal., MX
2019 NOV	Conversation «Experimentation, training and research» CONVERSATION Centro Nacional de las Artes, Mexico City, MX
2019 NOV	Diploma in Neuroscience, Art and Culture «Paths to transdisciplinarity» DIPLOMA COURSE Institute of Astronomy, UNAM, Mexico City, MX
2019 SEP	Sonode, a collaborative sound map TALK ENES UNAM Morelia campus, Morelia, Michoacán, MX
2019 SEP	Computer code as a medium for graphic and sound design TALK UAM, Mexico City, MX
2019 JUN	EMS Network Conference 2019 PAPER Casa del Lago, UNAM, Mexico City, MX
2019 MAY	Helix Aspersa: process and development of a sound installation TALK Centre for Complexity Sciences (C3), UNAM, Mexico City, MX
2019 FEB	SonusGO: an app for creating collective sound experiences in public spaces CONFERENCIA Mexico City, MX
2018 AUG	Round Table: Soundscape Heritage PANEL Daegu, KR
2018 MAR	The production process of digital artworks based on data, information and machine listening CONFERENCIA Mexico City, MX
2017 JUN	Technology and creative processes in the artist's work CONFERENCIA Mexico City, MX
2017 FEB	Megafonías urbanas, «Digital art and research» panel ROUND TABLE Zanbatha, Museo del Valle de la Luna, Lerma, State of Mexico, MX
2016 DEC	Data sonification: experiential learning through a challenge PAPER Tecnológico de Monterrey, Mexico City campus, Mexico City, MX
2016 NOV	Transdisciplinary processes: thinking science through art Mexico City, MX
2016 JUL	The city as form and background CONFERENCIA León, Gto., MX
2016 JUN	Sound, data and city: the urban sonority of information MESA REDONDA Mexico City, MX
2016 FEB	Photon Art Lab Forum FORUM Laboratorio Arte Alameda, Mexico City, MX
2015 AUG	Open Classroom Morelia, MX
2015 MAY	TEDx Mexico City, MX
2014 NOV	Hybridisation: Bio-artificiality MESA REDONDA Mexico City, MX
2014 JUN	Ulises I at the «Small satellites» series TALK Centro de Cultura Digital, Mexico City, MX

2014 APR	**Developing music technology** KEYNOTE Tecnológico de Monterrey, Puebla campus, Puebla, MX	
2014 APR	**Music and modern technologies** TALK Tecnológico de Monterrey, Mexico City campus, Mexico City, MX	
2014 FEB	**University of Guanajuato** CONFERENCIA Salamanca, MX	
2013 SEP	**Habitación del Ruido** CONFERENCIA Mexico City, MX	
2012 SEP	**Mexican Space Collective: Ulises I, ISEA2012** TALK National Hispanic Cultural Center, Albuquerque, New Mexico, USA	
2011 JUL	**Dorkbot MX 023** CONFERENCIA Mexico City, MX	
2010 FEB	**KAC, Exhibition Lecture: Off the Map** CONFERENCIA Seattle USA	
2009 OCT	**Art, Sound, and Technology** PANEL Kirkland USA	
2009 FEB	**Artist Trust New Media artist's Networking Event** CONFERENCIA Seattle USA	
2009 JAN	**Dorkbot** CONFERENCIA Seattle USA	
2008 OCT	**Music Department Talk** CONFERENCIA Middletown USA	
2008 SEP	**Instrumenta Contemporánea Festival** CONFERENCIA Oaxaca MX	
2003 DEC	**Radio Art** MESA REDONDA Morelia MX	

10 Teaching

UAM LERMA · BA IN DIGITAL ART AND COMMUNICATION

	TERMS
Analysis of Complex Problems I (XI)	24-I · 25-I · 26-I
Kinetic Art	24-I · 24-P · 25-P · 25-O
Final Project Design	23-O
Videomapping and Video Game Programming	23-I
Data Visualisation and Sonification	21-P
Telematic Processes in Art	21-O · 22-I
Programming Video Games and Audiovisual Experiences for the Web	21-I · 23-O
The Art of Data	20-I
Video Mapping with TouchDesigner	19-P
Introduction to the Degree in Art and Digital Comunication	19-O
Physical Computation	19-I · 22-P
Introduction to electronic	18-P
Fabrication and Prototyping	18-P · 26-I
Analysis of Complex Problems II (XII)	18-P · 19-P · 20-P · 24-P · 25-P · 26-P
Workshop of videogames for beginners	18-P

Design, Management and Planning of Interdisciplinary Projects (X)	18-O · 20-O
Complexity and Interdiscipline (V)	18-I · 19-O
Sound Art	17-P
Introduction to Digital Art (III)	17-P
Origins and Ruptures of Contemporary Art (II)	17-O · 19-I
Intensive Programmation level I	17-I
Creative Communication in Digital Culture (VI)	16-P · 17-P
Select Themes (IX)	16-P
Aesthetics and Practices of Contemporary Digital Art (IV)	16-O · 17-O · 25-O
Interactive Art (VII)	16-O · 18-O
Production and Communication in the Collaborative Culture (VIII)	16-I · 17-I

GRADUATE PROGRAM IN MUSIC, UNAM · SEMINARS

	SEMESTERS
Music, Art and Technology	2016-1
Software and Hardware Development for Musical Solutions	2016-2
Electroacoustics and Sound Engineering	2017-1 · 2018-1
Foundations of Music Computing	2021-1 · 2022-1 · 2023-1 · 2024-1 · 2025-1 · 2026-1 · 2027-1

OTHER COURSES

2020	Audio-oriented Programming	Tecnológico de Monterrey, Mexico City campus
2015	Physical Interfaces	Tecnológico de Monterrey, Mexico City campus
2015	Sound Synthesis and Signal Processing	Tecnológico de Monterrey, Mexico City campus
2014	Introduction to Electronics	Tecnológico de Monterrey, Mexico City campus
2012	Repercussions of Electronic Art on Sound Art	National School of Painting, Sculpture and Printmaking "La Esmeralda", Mexico City

WORKSHOPS

2023	Sound art workshop, Conexión Coyote Festival	Conexión Coyote Art Festival, Torreón, Coahuila, Mexico
2021	Programming, Art and Community	Mexico City, MX
2020	Three.js and the Web Audio API for building virtual spaces	UAM Lerma, online
2018	Listening and Play Lab: creating collective experiences to reclaim public space with mobile devices	Mexico City, MX
2016	Sound Installation	Mexico City, MX
2015	Physical computing: a bridge between the real and the digital world	El Ingenio, San Cristóbal de las Casas, Chiapas, Mexico
2015	Audio Programming	SONOM
2014	Micro-bio-electron	Centro Multimedia, CENART, Mexico City

2007	Improvisation, Computational Musicology and Real-time Machine Listening	UNAM
2007	Art and Technology: New Paradigms of Creation	UNAM
2006	Music Workshops for the Toy Symphony Project	Casa de la Música
2005	Computer Tools for Music Creation and Performance	Conservatorio de las Rosas, Morelia
2005	Computer Tools for Music Creation and Performance	UNAM

11 Press and media

2023	*Noticias 22: Cuando levanto una roca encuentro universos*	Canal 22, Mexico City
2017	*Tramas del arte sonoro en México*	Código magazine, no. 98, Mexico City
2014	*Paisaje Interno*	Radio Educación, Mexico City
2014	*Helix aspersa, music made from the sound of a snail's neurons*	La Jornada, Mexico City
2014	*La Oveja Eléctrica*	TV UNAM, Mexico City
2013	*Banda Ancha*	Canal 22, Mexico City
2011	*An aural immersion in seafloor sounds*	The Seattle Times, Seattle, USA