

Ron Herrema

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Education

Degree Programs

Michigan State University, E. Lansing, MI. Ph. D. in Music Composition.
Michigan State University, E. Lansing, MI. Master of Music in Composition.
Calvin College, Grand Rapids, MI. Bachelor of Arts in Music.

Certifications

Deep Listening Certificate, The Center for Deep Listening @ Rensselaer, 2016

Additional Courses

Soundtrack Workshop, School of Sound/internationale filmschule köln, August, 2012.
Deep Listening Retreat, Deep Listening Institute, Nau Côlea, Spain, July, 2010.
Deep Listening Retreat, Deep Listening Institute, Dartington, UK, July, 2009.
Iannis Xenakis Center for Computer Music, Summer Intensive, Paris, July, 1998.

List of Works

Multimedia

[*Infinity*](#) generative iPad app/artwork, 2017
[*Trespas*](#) iPhone app/artwork, in collaboration with Layla Curtis, 2015
[*\\$echo*](#) digital sound for collaborative web app, 2014
[*4 4 Flow*](#) digital sound and generative graphics, 2014
[*Loud Tate Boogaloo*](#) interactive multimedia, 2013
[*Dancing Wu Wei*](#) generative iPhone app/artwork, 2013
[*Acoustic Shadows*](#) soundtrack for documentary film, 2012
[*Empty Spaces*](#) soundtrack for film, 2012
[*Dancing Wu Wei*](#) generative animation and music, 2010

Music and Sonic Art

[*Mezcla*](#) live and processed voice improvisation, with Ximena Alarcón, 2016
[*Ruby Loop*](#) for sampled piano, 2013
[*Que me llama*](#) for stereo loudspeakers, 2012
[*Name Dance*](#) for stereo loudspeakers, 2012
[*Valse Nostalgique*](#) for saxophone quartet and piano, 2011
[*Pulse 5*](#) for saxophone quartet and piano, 2011
[*Everest Song*](#) text score, 2010
[*Awakening*](#) for piano, 2009
[*Carrying On Like a Crow*](#) multimedia, 2009
[*Baila!*](#) for sampled piano, 2008
[*One or Two Things*](#) for stereo loudspeakers, 2008
[*Music for Being*](#) for stereo loudspeakers, 2008
[*Blissward Drift*](#) for stereo loudspeakers, 2008
[*Skitter*](#) for stereo loudspeakers, 2007
[*Let Freedom Ring*](#) installation for 8 loudspeakers, 2006
[*Habitation/Home, Sweet Home*](#) music for 8 loudspeakers, 2005
[*Changing Weights*](#) for stereo loudspeakers, 2003
[*Analogies*](#) for orchestra, 2001
[*Sixteen Jackies*](#) for flute, clarinet, and violin, 2000

[*Delicate Outbursts*](#) for stereo loudspeakers, 2000
[*Perhaps*](#) for stereo loudspeakers, 1999
[*Streams*](#) for stereo loudspeakers, 1998
[*oN a LaRk*](#) for stereo loudspeakers, 1997
[*Homage*](#) for clarinet and piano, 1996
[*Tintinnalugia*](#) for stereo loudspeakers, 1995
[*Nebula*](#) for stereo loudspeakers, 1995
[*Suite for Piano*](#) for piano, 1981/1999

Graphics

[*Dreamfolds*](#) generative graphics, 2013
[*Archilations*](#) generative graphics, 2013
[*Riffilations*](#) generative graphics, 2013
[*Collective Gestures*](#) generative graphics, 2009
[*Slow Dance*](#) generative animation, 2009
[*Abstractions*](#) generative graphics, 2009
[*Traces*](#) generative graphics, 2009
[*La Tour*](#) digital photographs, 2009
[*Holocaust Memorial*](#) digital photographs, 2008
[*Volador*](#) digital photograph, 2008
[*Bridge Song*](#) digital photograph, 2008
[*Rapprochement*](#) digital photograph, 2008
[*cps.3*](#) digital photograph, 2008

Articles & Interviews

“Pauline Oliveros: a Shared Resonance” (co-author)
[*Organised Sound*](#), April 2017, Vol. 22, No. 1, pp. 7-10.

“Ron Herrema discusses Music and Code”
Create Hub – Interview Snippet, 19 January, 2016
<http://www.create-hub.com/interview/ron-herrema-interview-snippet>

“Arts, culture, creativity and tech: key trends for 2016”
The Guardian, Culture Professionals Network, 8 January, 2016
www.theguardian.com/culture-professionals-network

“Patch In 22: Relating Motion to Stillness”
SoundNotion.tv, 29 August, 2015
<http://www.soundnotion.tv/2015/08/pi-022>

“Flickr, communities of practice, and the boundaries of identity: a musician goes visual”
[*Visual Studies*](#), June 2011, Vol. 26, No. 2, pp. 135-141.

“Composing along continuums of technology and purpose”
[*Digital Creativity*](#), April 2006, Vol. 17, No. 1, pp. 3-10.

Prizes & Awards

Automation Fellowship
Southwest Creative Technology Network, April 2019 - January 2020

Francis Chagrin Award
Sound and Music, UK, April, 2016

1st Prize for *\$ echo*,
Hack The Space, Tate Modern, London, 16 June, 2014

1st Prize for *Acoustic Shadows*
48 Hour Docfilm Competition, Phoenix Digital Arts Centre, Leicester, November, 2012

Music Publications

Music for Being (solo CD compilation)
Da Alma Music, 2012

Solace (solo piano improvisation)
Da Alma Music, 2012

¡Baila! (algorithmic piano music)
Da Alma Music, 2012

Everest Song (text score)
Deep Listening Anthology II, Deep Listening Publications, 2010

Changing Weights (solo CD compilation)
Capstone Records, 2007

Performances and Broadcasts

Live Coding Improv

- Reprogram the Cube, The Cube Microplex, Bristol, 9 February, 2019

Ether

- production music, broadcast on BBC News in April 2016 and January 2017

Mezcla

- improvisation with Ximena Alarcón, live and recorded voice, at Lancaster Arts,
University of Lancaster, 8 March, 2016.

Tasting Sound, Listening to Taste

- a collaborative telematic performance between three improvising performers in London
and three in New York, Deep Listening Art/Science conference, Rensselaer
Polytechnic University, 13 July, 2014.

4 4 Flow

- free improv concert with (voice), Sara Chirimini (dance), Tony
Hardie-bick (Chapman Stick), and myself (digital sound and graphics),
Chisenhale Dance Space, London, 28 March, 2014

Loudspeaker | Softspeaker

- a joint concert with Oded Ben-Tal, Kingston University, 19 February, 2014, presenting

Tintinnologia, ¡Baila!, Carrying On Like a Crow, and Changing Weights

Blue Drive and Soon

- production music, broadcast in South Korea in January 2014

Que me llama

- Música con Tempo Colombiano: Memorial de voces, Biblioteca Nacional, Bogotá,
27 November, 2013

Acoustic Shadows

- 48 Hour DocFilm Competition Screening, Phoenix Digital Arts Centre, Leicester,
England, 11 November, 2012

As performer, in Ximena Alarcón's *Letters and Bridges*

- Networked Migrations (Telematic Sonic Performance), Interact Gallery (Leicester) and
Centro Nacional de las Artes (Mexico City), May 12th, 2012
- INTIME Symposium (Interrogations into Music Experimentation), Coventry University,

September 25th 2011

¡Baila!

- MTI in the Round, EMS (Electronic Music Studio), Kungliga Musikhögskolan, Stockholm, 3 May, 2011
- MTI Concert, De Montfort University, Leicester, England, 13 October, 2010

One or Two Things and/or Music for Being

- 4 4 Flow, Chisenhale Dance Space, London, 28 March, 2014
- MTI Concert, Sibelius Academy, Helsinki, Finland, 14 April, 2011
- MTI 10th Anniversary Concert, Old Fortress Church, Ionian University, Corfu, 27 May, 2010
- Soundings, International Festival of Sonic Art, Reid Concert Hall, Bristo Square, Edinburgh, 6 Feb, 2010
- International Computer Music Conference, Sonic Arts Research Centre, Queens University, Belfast, 26 August, 2008

Dancing Wu Wei

- Visible Bits, Audible Bytes, Phoenix Digital Arts Centre, Leicester, October, 2010

Delicate Outbursts

- Sound Walk, Musica Viva, Belem Arts Centre, Lisbon, Portugal, 16-19 September, 2010
- SEAMUS National Conference, Louisiana State University, March 3, 2001

Skitter

- 60x60, Ninth International Congress of Art and Technology (#9.ART) National Museum of the Republic in Brasilia, November 12, 2010
- 60x60, Ball State University, September 28th, 2010
- 60x60, Le forme del suono Conservatorio di musica "Ottorino Respighi" Via Ezio 32 Latina, Italy, June 10, 2010
- 60x60, Electronic Studio of the Technical University Berlin, June 10, 2010
- 60x60, International Computer Music Conference Electronic Music Foundation, New York City, 1-2 June, 2010
- 60x60, Stonybrook University, Stonybrook, New York, 3-5 June, 2010
- 60x60, Ferguson Hall, University of Minnesota, 24 May, 2010

Awakening

- Momentary Pleasures, ISCM World New Music Days, Eugene Goossens Hall, ABC Centre Ultimo, Sydney, 4 May, 2010

One or Two Things and Music for Being

- Sound and Healing, internet radio broadcast, Mexican Center for Music and Sonic Art, Morelia, Mexico, June, 2009
- Algorithmic Music Symposium and Concert, De Montfort University, Leicester, 13, February, 2008

Changing Weights

- Obras Electroacústicas del MTIRC de la De Montfort University, Centro Mexicano para la Música y Artes Sonoras, Morelia, Mexico, 29 July, 2008
- blip: Creative Cyborgs The Dana Centre, London, 16 May, 2006
- Process Revealed: European Conference on Evolutionary Music and Art, Artpool Art Research Center, Budapest, 12 April, 2006
- Unbalanced Connections, University of Florida, 17 February, 2006
- International Computer Music Conference, National University of Singapore, October 2, 2003
- SEAMUS National Conference, Ball State University, April 16, 2005
- Electric Rainbow Coalition Festival, Dartmouth College, August 22-24, 2003
- Wired for Sound, Longy School of Music, Boston, March 14, 2003

oN a LaRk

- Laboratory for Creative Arts and Technology, Louisiana State University, 26 March, 2008
- Movement and Sound for the 21st Century: Modern Dance and Acousmatic Music, Florida International University, November 15, 2000
- Florida Electroacoustic Music Festival, University of Florida, April 7, 2000
- beckonings 1999 listening forum, Center for Computer Research in Music and Acoustics, Stanford University, June 23, 1999

Habitation/Home, Sweet Home

- Fylkingen and Swedish Electroacoustic Music Society: Sonic Space, Munich Brewery, Stockholm, 29 February, 2008
- Electroacoustique Concordia University Electroacoustics: Concert Series XXVI.7, Oscar Peterson Concert Hall, Concordia University, Montreal, 6 February, 2008
- Live Algorithms for Music, Goldsmiths College, London, December 19, 2005
- Zeppelin 2005: Sobre el Control, Centre de Cultura Contemporània de Barcelona, 22 October, 2005 (*Habitation* only)
- Changing Weights and Tintinnalugia*
 - Foldover, a weekly radio show on WOBC FM, Oberlin, Ohio, December 3, 2007
- Let Freedom Ring*
 - Sonic Arts Network: Expo Plymouth, New Cooperage Building, Plymouth, 23 June, 2007
- Changing Weights, Streams, Tintinnalugia*
 - Cultural Exchanges: New Music at DMU, De Monfort University, February 25, 2005
 - Electronic Excursions, Northeastern University, February 6, 2003
- Analogies*
 - Honors Concert, MSU Symphony Orchestra, Michigan State University, March 29, 2004
- Streams*
 - Electroacoustic Music Concert, Longy School of Music, Boston, March 28, 2002
 - Florida Electroacoustic Music Festival, University of Florida, April 8, 1999
- Perhaps*
 - Cathedral, a Web Concert, monroestreet.com, December 2, 2001
 - Society of Composers, Inc., Region VIII Conference, Marylhurst University, October 30, 1999
- Sixteen Jackies*
 - Premieres of New Music, Michigan State University, November 20, 2000
 - The Andy Warhol Composition Contest Concert, Pennsylvania Academy of the Fine Arts, Philadelphia, September 13, 2000

Exhibitions & Installations

Loud Tate: Pendulum

Tate Britain, 21 September, 2013

Loud Tate Boogaloo

Lumen Prize

Lumen Online Gallery, September 2013

Dreamfolds 1

Digital Futures: Urban Open Space

Victoria & Albert Museum, London, 21 May, 2013

Xspacious (collaborative work)

BEAM AV Gallery

BEAM Festival 2011, Brunel University, 24-26 June, 2011

Dancing Wu Wei

Electroacoustic Fair, sound 2010

University of Aberdeen, 13 November, 2010

Dancing Wu Wei

15th Annual Dream Festival

Deep Listening Institute, Kingston, NY, 2 October, 2010

Dancing Wu Wei

Inside Out: Sculpture in the Digital Age

Phoenix Digital Arts Centre, Leicester, England, September-October, 2010

Blissward Drift

Open21
Leicester City Gallery, Leicester, UK, November/December, 2009
Bridge Song

Algorithmic Composition Symposium
De Montfort University, February 13, 2008
Let Freedom Ring

International Computer Music Conference 2007: Immersed Music
Huset Magstraede, Copenhagen, 27-31 August, 2007
Let Freedom Ring

Digital Resources for the Humanities and Arts
Dartington College of Arts, 3-6 September, 2006
Let Freedom Ring

Presentations and Guest Lectures

- “Code as Prosthesis”
Creative Computing Centre, Bath Spa University, 24 April, 2018
- “Trespass”
We Make Stuff: Play and Multiplatform
Media Convergence Research Centre, Burdall's Yard, Bath, 6 February, 2018
- Algorithmic Composition Masterclass
Guildhall School of Music & Drama
The Barbican, London, 16 & 30 June, 2017
- “Infinity: an experiment in user-centred poiesis”
Journal of Media Practice and Meccsa Pracice Network Annual Symposium
The Media Convergence Research Centre, Bath Spa University, 8 June, 2017
- “Code as Prosthesis”
Creative Data Club
Sound and Music, Ace Hotel, Shoreditch, London, 19 May, 2016
- “Developing audio-based iOS apps using libpd”
NSLondon January Meet-up
Thomson Reuters, London, 28 January, 2016
- “Libpd: mobile audio programming for the rest of us”
Artful Spark 2: Immersive Sound
Google Campus London, 14 January, 2016
- “Algorithms for Archives”
Sound Matters co-design workshop, Centre for Research into Sound Arts Practice,
University of the Arts London, 25 June, 2015
- “Music for Being: a Contemplative Approach to Computational Composition”
Generative Constraints Conference, Royal Holloway Univ of London,
16 November, 2013
- Algorithmic Composition Workshop
Hack the Barbican, Barbican Centre, London, 30 August, 2013
- “Trans-art literacy and creative efficiency”
Transliteracy Conference, Phoenix Square Digital Media Centre, Leicester,
9 February, 2010
- “Algorithmic Composition Processes”
Guest lecture, Northeastern University, 20 November, 2009
- “Photography/Phonography: Carrying on like a Crow”
Music and Still Image Symposium, De Montfort university, 4 March, 2009.
- “Paradoxically Algorithmic”
Algorithmic Composition Symposium, De Montfort University, February 13, 2008
- “Music, Technology and Politics: units of measure, with a few case studies”
Music and/as Right Action conference, University of East Anglia, June 30, 2007

- “Two or three things I know about music, technology and politics”
 Music, Technology and Politics Symposium, De Montfort University,
 2 February, 2007
- "Architecture and Algorithms in the Composition of *Analogies*"
 architecture | music | acoustics, Ryerson University, Toronto, June 9, 2006
- “Aesthetics and Ethics in Multi-channel Diffusion: Motion, Power and Envelopment”
 Spatialisation Symposium, De Montfort University, April 28, 2005

Teaching

- Bath Spa University, 2016 - present
 Smartphone Apps
 Image, Sound and Code
 Ideation and Creative Problem Solving
 Visual Coding
 Emerging Technologies
 Creative Incubator
 Industry Informed Projects
 Practice Based Projects
- Falmouth University (Flexible Learning), 2016-2017
 Creative App Development (MA)
- University of the Arts London, 2015 - 2016
 Sound Spatialisation
- London Music Hackspace, 2015
 iOS audio programming
- Codasign, 2013-2016
 Introduction to Processing (including Arduino, MaKey Makey, and LeapMotion)
 Introduction to Pure Data (Pd)
- University of Surrey, 2015
 Digital Improvisation
- Kingston University London, 2013 - 2014
 Advanced Techniques in Music and Sound for Image
 Sound Design (MA)
 Sonic Arts in Theory and Practice
 Contemporary Sonic Arts Practice (MA)
- De Montfort University, 2004 – 2011
 Composing with Technology
 Ideas in Music and Sonic Arts
 Creating and Performing 1, 2 & 3
 Foundations of Music
 Creative Sound Recording and Production
- Northeastern University, 2001-2004
 Composition
 Composition with Electronic Instruments
 Music and Technology 2
 Advanced Music Systems
 History of Electronic Music
 Computer Literacy for Musicians
 Music Theory 1 & 2
- Wayne State University, 2000
 Counterpoint
- Michigan State University, 1994 - 2001
 Composition
 Composing Music with Computers
 Music Theory 1 - 3
 Aural Perception