# Mara (Margaret) Helmuth

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### **Education**

D.M.A. Columbia University, Music Composition, 1994. President's Fellow, Mellon Fellowship.

M.M. University of Illinois at Urbana-Champaign, Music Composition, 1986.

B.A. University of Illinois at Urbana-Champaign, Music, 1979.

Glenbrook North High School, Northbrook, IL, graduated 1975.

## Experience

College-Conservatory of Music, University of Cincinnati. Professor	2008-now
of Composition. Studio director of electronic music studios.	
• CCM-UC. Associate Professor, studio director.	2001-2008
• CCM-UC. Assistant Professor, studio director.	1995-2001
• Texas A&M University. Assist. Prof., Music, Dept. of Philosophy.	1993-1995
NeXT Computer Inc. Campus Consultant for Columbia University	1990-1992

## Master Classes, Residencies, Awards, Honors

Guggenheim Fellowship.	2025
• Residency: w/E. Lamneck, Wassard Alea Retreat, Ascea, Italy.	Apr. 26-May 11, 2025
• Residency: w/E. Lamneck, CMMAS/UNAM, Morelia, Mexico.	Nov. 21-25, 2023
• Resident Fellow, Virginia Center for the Creative Arts, Mt. St. Angelo, Virginia.	2019, 2022, 2025
• George S. Rieveschl Faculty Award for Creative and Scholarly Works, University of Cincinnati.	2023
• Invited Workshop: Tarogato and Computer Music: Hungarian Tarogato in Collab. Comp, w/Lamneck, SICMF/KEAMSAC Seoul.	Oct. 15, 2022
• Resident Fellow, Virginia Center for the Creative Arts, Mt. St. Angelo, Virginia.	2019, 2022
• Selected as Keynote Speaker for Seoul Int'l Computer Music Festival/ Korea Electroacoustic Music Annual Conference.	2021
• Invited Special Guest, Diffrazioni Multimedia Festival 2019, Le Murate, Florence, Italy.	Mar., 2019
• Invited Guest Lecture, New York University, New York, NY,. Stony Brook University.	Oct. 25-26, 2017

2022

<ul> <li>Invited Special Guest, Diffrazioni Multimedia Festival 2016, Florence, Italy.</li> </ul>	Nov. 21-27, 2016
<ul> <li>Featured Composer, DISIS Event. Center for the Arts, Virginia Institute of Technology, Blacksburg, VA.</li> </ul>	May. 4, 2015
• Featured Composer, IAWM Concert/LiveWire Fest. UMBC, MD.	Oct. 28, 2012
• Featured Composer, TechnoSonics Fest., U. of Virginia.	Sept. 14-15, 2012
• Featured Composer, Ball State New Music Festival, Muncie, IN.	Mar, 2012
<ul> <li>New York University, Steinhardt School, Residency, 3 classes and interactive performance with E. Lamneck's NYUNMEnsemble.</li> </ul>	Fall, 2011
<ul> <li>Music and Computers, Course taught at Stawa University, Kampala, Uganda.</li> </ul>	April and May, 2011
• CCM Certificate of Achievement: Sound Collaborations Recording.	2009
• Residency with NeXT Ens, U. of IL Music Dept., Urbana, IL.	Mar. 5-6, 2007
<ul> <li>Invited Featured Composer, Women Composers Series, Tulane U., New Orleans, LA.</li> </ul>	Feb. 28, 2005
• June in Buffalo, U. at Buffalo, NY.	June 4, 2004
• Residencies, Sino-Nordic Performance Arts Space, Beijing, China.	2003, 2007
<ul> <li>Honorable mention, 1998 Bourges International Electroacoustic Music Competition, Quadravivium, for Abandoned Lake in Maine.</li> </ul>	1998
• Third Prize, NEWCOMP Computer Music Composition, Mellipse.	1990
Selected List of Works	
• works in progress: Racket Routes (8ch), Not Allowed to Give up	
<ul> <li>Night Shimmer, for vibraphone and computer music.</li> </ul>	2025
• Wind Blown Rain, with E. Lamneck, A. Belfiore, for tarogato, video and computer music.	2025
Conjuring, for cello and electronics.	2025
• Endangered Sound 2, for laptop internet performance.	2024
• Astral Reflections, for trombone quartet and electronics.	2023
• Slither, Bursty, Splat, for laptop ensemble.	2023
• From Orion to Cassiopeia, with B. Gwynne, video.	2023
From Orion to Cassiopeia, stereoaudio.	2023
• Burren Wind, with E. Lamneck, A. Belfiore, for tarogato, stereo audio, video.	2023

• Burren Wind, with E. Lamneck, for tarogato and stereo audio.

• Sound Dunes with E. Lamneck, tarogato and fixed (2-40 channels)	2019-22
Opening Spaces, for video.	2020
• Cold Brew, graphic score, for flute, clarinet, and fixed stereo audio.	2019
• Tranquilarea (in Five Worlds Virtual Reality Installation).	2019
• Onsen: Hot Springs, for vibraphone and fixed stereo audio.	2019
• Endangered Sound, for laptops in remote locations on Internet 2.	2018
• 7 Songs for voices, strings, percussion piano and electronics	2017
• Breath of Water, with E. Lamneck, for clarinet and electronics.	2016
Sonic Refuge Imaginings for video.	2016
• from Australia, for laptop ensemble.	2016
• All Alarms Sounding, for two pianos and 8-channel audio.	2016
• from Uganda: Safari (from Uganda 2) 8-channels, video.	2014-15
• from O, for 2 violoncellos optionally with fixed electronics.	2015
• Expanding Space 13 min. for tuba and electronics.	2010, 2014
• Butterfly Mirrors. $\sim 10$ min. for various ensembles.	2010-2014
• from Uganda. 7 min. Laptop ensemble, for CiCLOP.	2014
• Sound Rocks of Ryoan-ji. 7 min. fixed media, or installation.	2014
• Irresistible Flux, with E. Lamneck. 10 min. Tarogato, live elec.	2013-2014
• Heart Sutra. SATB choir and electronics.	2012
• Sounds of Uganda Installation: Hotel in Kampala, Uganda.	2012
• Butterfly Within for flute and stereo audio. 8 min.	2006, 2011
• Water Birds, w/Danard, Vos-Rochefort versions.	2010, 2021
Hidden Mountain. Installation with video.	2009, 2007
Meeting the Free Dreamer. fixed media, or piano and fixed.	2008, 1992
<ul> <li>Light Descends Into Your Heart. Pno, pno and electronics.</li> </ul>	2008, 1996
• Where Is My Voice? Speaker and audio, or stereo audio only.	2008
• Improvisations with Qin and electronics, optionally percussion.	2005, 2007
• Inchoate Energies. Piano and interactive computer.	2004
• No. 7 for Gyil and Computer (Otte), 5.1 audio.	2004
• Smoke (VanMatre, VanMatre). saxophones, elec, art installation.	2004
• The Man and the Moon (Bern). accordion and computer.	2004
• The Edge of Noise. Fl, perc, el gt, sop, pno, vn, vc, computer.	2004
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• Mountain Wind. Pipa solo, fl, a fl, bn, vn, c, computer, video.	2004, 2003
<ul> <li>Staircase of Light. installation: Sino-Nordic Arts Space, Beijing.</li> </ul>	2003
<ul> <li>Origins of a Fantastic Dream. Orchestra and tape.</li> </ul>	2002
• bugs and ice: A Question of Focus. tape.	2002
• Loonspace. 1-3 percussionists and tape.	2000
• Implements of Actuation, Mellipse 2, Move! w/Otte.	1996-99
• Abandoned Lake in Maine, Mellipse, Dragon of the Nebula. Tape.	1989-97
Selected Research Projects	
• Letting Pulsars Sing, sonification of pulsar data.	2023-2024
• Sonic Environment Generator, (w/DMA student Kieran McAuliffe)	2022-2023
<ul> <li>Virtual Reality, Extended Reality Sound environments within Unity- or Unreal-created virtual worlds.</li> </ul>	2018-now
<ul> <li>Internet 2 performance and improvisation, using Rtcmix to create applications Soundmesh (Internet Sound Exchange)</li> </ul>	2002-2018,2024
<ul> <li>Sonic Refuges Project, creating sonic environments based on field recordings from Australia's Great Barrier Reef, Daintree Rainforest and Uluru.</li> </ul>	2016-now
Sounds of Wildlife in Uganda Project	2011-2014
<ul> <li>Wireless sensor networks and music collaboration with CS, UC.</li> </ul>	2006-2011
<ul> <li>Sonification of glacier lake sediment data.</li> </ul>	2004
Graphical User Interface for Cmix: Patchmix.	1989-91, 1999
Recent Recordings	
<ul> <li>Online: <a href="www.marahelmuth.com">www.marahelmuth.com</a>, soundcloud.com, youtube.com as well as Apple Music and Spotify.</li> </ul>	2011-
• Heart Sutra (cond. B. Scott) on <i>Deus et Machina: Sacred Music for Choir and Electronics</i> . Ablaze Records.	2023
• Water Birds (w/A. Vos-Rochefort) on <i>Mind and Machine, Organic and Electronic Works, v. 4</i> on Ravello Records (PARMA). https://www.ravellorecords.com/catalog/rr8070/	2022
• Cold Brew on Duo Cylindre's <i>Movers, Makers, and Shakers</i> CD, on Fundamental Sounds.	2021

<ul> <li>Butterfly Within on flutist Lindsey Goodman's ETERO CD on Navona Records (PARMA).</li> <li>https://www.navonarecords.com/catalog/nv6265/</li> </ul>	2020
• Sound Dunes in Sound and Video Anthology: Women in Computer Music, Content, <i>Computer Music Journal</i> , 43: 4, with downloadable music online. MIT Press. https://muse.jhu.edu/article/773091	2020
• Irresistible Flux in Esther Lamneck's <i>Tarogato Constructions</i> CD on INNOVA Records.	2018
• from O on <i>Open Space CD 33 Benjamin Boretz 9x9</i> , Open Space, available at http://the-open-space.org/special-issue-1920/.	2016
• Lifting the Mask on <i>Sounding Out!</i> DVD of works by lesbian composers, Everglade Records, available at Amazon.com.	2010
• Where Is My Voice? On 50 <sup>th</sup> Anniversary of the University of Illinois Experimental Music Studios commemorative collection compact disk.	2008
• Sound Collaborations CD, CDCM v.36, The Composer in the Computer Age XI. CRC 2903. Centaur Records.	2007
at Selected Performances	

## Recent

• Water Birds for clarinet and electronics. New Music Festival, University of Louisville, Louisville, KY.	Nov 4, 2025
• From Australia, New Music Festival, University of Louisville, Louisville, KY.	Nov. 4, 2025
• Astral Reflections, New Music Festival, University of Louisville, Louisville, KY.	Nov. 3, 2025
• From Orion to Cassiopiea, Int'l Computer Music Conf. 2025, Boston, MA.	Jun. 9, 2025
• Conjuring, for cello (M. Shapiro) and electronics. New York City Electroacoustic Music Festival.	Jun. 27, 2025
• From Orion to Cassiopiea, Society of Electroacoustic Music in the U.S., Purdue University.	Mar. 23, 2025
• Burren Wind, E. Lamneck, tarogato, A. Belfiore, video. Japan Society of Sonic Arts Concert, Matchvox, Tokyo.	Sep. 28, 2024
• Burren Wind, E. Lamneck, tarogato, A. Belfiore, video, Int'l Computer Music Conf. 2024, Hanyang Univ., Seoul.	Jul. 10, 2024
• From Orion to Cassiopiea, New York City Electroacoustic Music Festival, Sheen Center, NYC.	Jun. 19, 2024

• Endangered Sound 2, Cincinnati Composers Laptop Orchestra Project, Cincinnati Art Museum.	Apr. 20, 2024
• Burren Wind, E. Lamneck, tarogato, A. Belfiore, video, Society of Electroacoustic Music in the U.S., Digital Media Center, Louisiana State Univ., Baton Rouge, LA.	Apr. 6, 2024
• Endangered Sound 2, Cincinnati Composers Laptop Orchestra Project, Sonic Explorations, CCM, Univ. Cinc.	Mar. 20, 2024
• Endangered Sound 2, Cincinnati Composers Laptop Orchestra Project, WebAudio Conference, Purdue Univ. Lafayette, IN.	Mar. 15, 2024
• Burren Wind, Sound Dunes, E. Lamneck tarogato, From Orion to Cassiopeia. CMMAS/National Autonomous University of Mexico, Morelia, Mexico.	Nov. 23, 2023
<ul> <li>Astral Reflections, Mara Helmuth Faculty Recital. Astral Reflections, Burren Wind, Sound Dunes, From Orion to Cassiopeia, Expanding Space, Onsen: Hot Springs. CCM, Univ. Cincinnati.</li> </ul>	Sep. 5, 2023
• From Orion to Cassiopeia, video performance, International Conference on Auditory Display, Horsalen, Norrkoping, Sweden.	Jun. 27, 2023
• Burren Wind, E. Lamneck, tarogato, New York City Electroacoustic Music Festival, Sheen Center, NYC.	Jun. 15, 2023
• Sound Dunes (8-channel version). E. Lamneck, tarogato, Society of Electroacoustic Music in the U.S., New York Univ., NYC.	Apr. 8, 2023
• Burren Wind, Seoul National Univ. of Education, Seoul, S. Korea.	Oct. 17, 2022
• Sound Dunes (8-channel version), E. Lamneck, tarogato, Seoul Int'l Computer Music Festival / Korean Electroacoustic Music Festival Annual Conference, (SICMF/KEAMS) Platform-L, Seoul, S. Korea.	Oct. 15, 2022
• Onsen: Hot Springs, Int'l Computer Music Conf., Univ. of Limerick, TUS Millenium Theatre, Limerick, Ireland.	Jul. 7, 2022
• Water Birds, A. Vos-Rochefort, Concert 13, New York City Electroacoustic Music Festival, The Loreto Theater, New York, NY. https://www.youtube.com/watch?v=UqlyawIIABM	Jun. 23, 2022
• Sound Dunes (40-channel immersive version), Sonic Laboratory, Sonic Arts Research Centre, Queens University Belfast, N. Ireland.	Apr. 9, 2022
• Onsen: Hot Springs, Eun Hye Kim, vibraphone. SICMF/KEAMS, Seoul, S. Korea. https://www.youtube.com/watch?v=MLARRqlQ9Ak	Oct. 16, 2021
• Opening Spaces, SICMF/KEAMS, Platform-L, Seoul, S. Korea. https://www.youtube.com/watch?v=HVdIKCOIw1I	Oct. 16, 2021
• Mellipse, Electroacoustic Music Macomb 2021, Western Illinois Univ., Macomb, IL.	Sep. 22, 2021

Opening Spaces. Int'l Computer Music Conference (virtual online).      Description of the Conference (virtual online).	Jul. 28, 2021
Pontificia Universidad Catolica de Chile, Santiago, Chile.  • Onsen: Hot Springs, J. VanHassel, vibraphone. New York City	Jun., 2021
Electroacoustic Music Festival (NYCEMF) (virtual online). NYC.	
• from Australia. Sonic Explorations (virtual online), CCM, Univ. Cinc., Cincinnati, OH.	Mar. 10, 2021
• Onsen: Hot Springs, J. VanHassel, vibraphone. Sonic Explorations (virtual online). CCM, Univ. Cinc., Cincinnati, OH.	Oct. 27, 2020
Opening Spaces. NYCEMF (virtual online), NYC.	June 14-21, 2020
• Sound Dunes, Irresistible Flux, (Lamneck), tarogato. Studio 300, Transylvania, Lexington, KY.	Oct. 4, 2019
• Five Worlds VR Installation, (Mu, Milloway, Hopper, Xu.) Studio 300, Transylvania Univ., Lexington, KY.	Oct. 3-4, 2019
• Cold Brew, A. Vos-Rochefort, cl, E. Darling, fl, Int'l Clarinet Assn. Conf. Univ. of Tenneessee, Knoxville, TN.	Jul. 26, 2019
• Sound Dunes, E. Lamneck, tarogato, Int'l Computer Music Conference/ NYCEMF 2019, Sheen Center, NYC.	June 20, 2019
• Five Worlds, with Mu, Hopper, Milloway, Xu. VR Installation. Int'l Computer Music Conference/ NYCEMF 2019, NYU Lib., NYC.	June 17-21, 2019
• Sound Dunes, E. Lamneck, tarogato. Diffrazione Multimedia Festival, 2019., Le Murate, Florence, Italy.	Mar. 27, 2019
• Breath of Water, E. Lamneck, clarinet. Society of Electroacoustic Music in the U.S. (SEAMUS), Berklee College of Mus., Boston, MA.	Mar. 21, 2019
• Onsen: Hot Springs, J. Van Hassel, perc. Darkwater Women in Music Festival, Univ. of North Carolina at Pembroke, NC.	Mar. 2, 2019
• Water Birds, ARochefort, cl. Cincinnati Public Library, Cinc., OH.	Feb. 16, 2016
• Onsen: Hot Springs, J. Van Hassel, perc., Univ. of Hartford, The Hartt School, CT.	Nov. 2, 2018
• Breath of Water, E. Lamneck, clarinet. International Computer Music Conference 2018, Daegu Concert House, Daegu, S. Korea.	Aug. 10, 2018
• Butterfly Mirrors. E. Lamneck, M. Shapiro. NYCEMF, Abrons Arts Center, NYC.	Jul. 19, 2018
• Butterfly Mirrors. Madeleine Shapiro's ens. Mannes School of Music, NYC.	May 8, 2018
• Endangered Sound, Network Music Festival, Stony Brook U., NY.	Apr. 20, 2018
• Loonspace. E. Lamneck/Helmuth Guest Recital, Ball State Univ.	Jan. 29, 2018

<ul> <li>Irresistible Flux. E. Lamneck. SPLICE Festival, Michigan State Univ., Kalamazo, MI.</li> </ul>	Jan. 26, 2018
<ul> <li>Irresistible Flux, E. Lamneck, tarogato. RTcmix Festival, Columbia U. Computer Music Center, NYC.</li> </ul>	Oct. 29, 2017
<ul> <li>from Australia. Aural Architectures. Stony Brook U. Stony Brook, NY.</li> </ul>	Oct. 25, 2017
<ul> <li>Irresistible Flux, Breath of Water (Lamneck), from Australia, Aural Architectures. Stony Brook U. Stony Brook, NY.</li> </ul>	Oct. 25, 2017
• Breath of Water. NYCEMF 2017. Abrons Art Center, NYC.	June 23, 2017
<ul> <li>Irresistible Flux, Breath of Water (Lamneck), from from O.</li> <li>Diffrazioni Multimedia Festival 2016. Florence, Italy.</li> </ul>	Nov. 23, 2016
<ul> <li>All Alarms Sounding, from O, from Australia, Sonic Refuge Imaginings, Faculty Recital, Werner Hall, CCM, Univ. Cinc.</li> </ul>	Sept. 21, 2016
<ul> <li>from Uganda. NIME Conference 2016. Griffith University, Queensland Conservatorium, Australia.</li> </ul>	July 14, 2016
• from Uganda. Int'l Computer Music Conference 2015, UNT, TX.	Sept. 30, 2015
Publications Invited or Peer-reviewed	
<ul> <li>M. Helmuth, A. Vos-Rochefort, "Water Birds, for solo clarinet and fixed audio" (score), CAMCO ClarinetAllMusic.com.</li> </ul>	2025
https://www.clarinetallmusic.com/products/helmuth-vos-rochefort-water-birds-clarinet-fixed-audio	
• M. Helmuth, "Letting Pulsars Sing: Sonification With Granular Synthesis," J. Audio Eng. Soc., vol. 72, no. 5, pp. 352–359 (2024 May). https://doi.org/10.17743/jaes.2022.0147.	2024
• Invited article: Links between sonification and generative music by M. Helmuth and M. Schedel. Interdisciplinary Science Reviews Journal, 47:2, Taylor and Francis Mar 19, 2022. https://tandfonline.com/doi/full/10.1080/03080188.2022.2035106	2022
• Invited keynote address: Can Computer Music Save the Earth?  SICMF / KEAMSAC & Emille Journal, v. 19, no. 2, 2021.  http://www.keams.org/emille/emille_19/emille_19_2.html	2021
• Invited contribution: Portion of my analysis of Barry Truax's <i>Riverrun</i> included in Miguel Roig-Francoli's <i>Understanding Post-Tonal Music</i> , 2 <sup>nd</sup> edition, pp 318-20, and <i>Anthology of Post-Tonal Music</i> , Chapter 12.3, Analysis 30, pp. 126-34. Routledge, 2021.	2021

2023

• Invited Curator: Mara Helmuth. Sound and Video Anthology: Program Notes, Content, Computer Music Journal, 43: 4, MIT Press, pp 110-121. with downloadable music online.	2020
• Invited Talk: Recent Interactive Music. in Sonic Arts Today 10:2 pp 18-21. http://data.jssa.info/paper/2018v10n02/6.Helmuth.pdf	2018
• Invited essay: Listening to Elizabeth Hoffman's Vanishing Points, review. in Judy Klein Notes from nycef 2017, in <i>Things That Matter</i> , <i>The Open Space Magazine</i> , issue 21, spring 2018.	2018
• from O, for two cellos, score, in <i>Open Space Magazine 19 &amp; 20, Fall 2015/Spring 2016, Benjamin Boretz 9x9</i> , pp 404-416. Open Space. http://the-open-space.org/special-issue-1920/	2016
• String Paths, graphic score for N musicians, in <i>Notations 21</i> , Theresa Sauer, ed., p. 102. MarkBatty Publishers.	2009
• Barry Truax's Riverrun, book chapter in <i>Analytical Methods of Electroacoustic Music.</i> Mary Simoni, ed., pp. 187-238. Routledge: Taylor and Francis.	2006
<ul> <li>Virtual Musical Performance and Improvisation on Internet2.</li> <li>Organised Sound, 10:3, pp 201-207. article, excerpts on DVD.</li> </ul>	Dec., 2005
• Mara Helmuth, from Forum: Composing Women, in <i>Audible Traces</i> , gender, identity and music, pp. 19-20. Carciofoli verlagshaus, Zurich.	Jan., 2000
• Granular Synthesis Composition with StochGran and Max, in Computers and Mathematics with Applications: Mathematics, Computers and Music, E. Rodin, M. Witten, R. Pinkston, ed. 32:1, pp. 57-74. Pergamon, Elsevier, Great Britain, 1996.	July, 1996
• A Multidimensional Analysis of Electroacoustic Music, in <i>Journal for New Music Research</i> , 25:1, pp. 77-103.	1996

#### Other Selected Publications

- CCM Center for Computer Music Studio Reports in Proceedings of Int'l Computer Music Conference, with students, in 2024, 2022, 2021, 2019, 2017, 2007, 2001, 1997.
- The New StochGran: Stochastic Granular Synthesis in RTcmix. K. McAuliffe, M. Helmuth. Proceedings of the Int'l Computer Music Conference 2023, Shenzhen, China.
- Musical Poi (mPoi). Sangbong Nam, with Kim, J., Martinson, B., Helmuth, M. 2013 Proc. of New Instruments for Musical Expression Conference (NIME) 2013.

• Water Birds: Compositional Collaboration with Clarinets, Wireless Sensors and Rtcmix. With R. Danard, Jun P. Journal of the Society of Electroacoustic Music in the U.S.	2011
<ul> <li>Wireless Sensor Networks and Computer Music, Dance and Installation Implementations, w/Jun HY, Oliveira, Merkowitz, Shiota, Mishra, Mostafa, Agrawal in Proc. of the Int'l Computer Music Conference 2010, pp 211-214.</li> </ul>	2010
<ul> <li>Dancing with the Motes. Mostafa, A., HY Jun, D.P. Agrawal and M. Helmuth.</li> <li>2008. Fifth IEEE International Conference on Mobile Ad-hoc and Sensor</li> <li>Systems, (IEEE MASS 2008), pp. 538-540.</li> </ul>	2008
• Rock Music: Granular and Stochastic Synthesis based on the Matanuska Glacier in <i>Proc. of the Int'l Computer Music Conference 2004</i> , San Francisco.	2004
• Sound Exchange and Performance on Internet2, in <i>Proc.s of the Int'l Computer Music Conference 2000</i> , Berlin, Germany. <a href="http://hdl.handle.net/2027/spo.bbp2372.2000.168">http://hdl.handle.net/2027/spo.bbp2372.2000.168</a>	2000
• Software Designer/Programmer, in Encyclop. of Women in Music, K. Burns, ed. Oryx Press.	2000
• ca: A System for Granular Processing of sound using Cellular Automata. S. Vaidhyanathan, Minai, A., and M. Helmuth.in <i>Proc. of the 2<sup>rd</sup> COST G-6 Workshop on Digital Audio (DAFx99) 1999</i> , Norwegian University of Science and Technology, Trondheim, NO.1999	1999
http://www.iet.ntnu.no/groups/akustikk/meetings/DAFx99/vaidhyanathan.pdf  • Granular Synthesis and The FCurve Sound Generator, in <i>Proc. of the Int'l Symposium of Electronic Arts</i> , Montreal, Quebec, CA.	1995
<ul> <li>Gender and Computer Music, in ARRAY, 13:2. Reprinted also in News of Music, Australian Computer Music Association Newsletter, and the Sonic Arts Network Journal UK.</li> </ul>	1993
• Patchix and StochGran: Two Graphical Interfaces, in <i>Proceedings of the International Computer Music Conference 1991</i> , pp. 563–566, Montreal, Quebec, CA.	1991
• Composing the Output Interface, with Brad Garton, in Proc. of the Int'l Computer Music Conference 1990, pp. 139-142, Montreal. Reprinted in News of Music, Bard College Music Program Zero, 1992.	1991
• Patchmix: A C++ X-Window Graphical Interface to Cmix, in <i>Proceedings of the International Computer Music Conference 1990, Glasgow, Scotland.</i>	1990

• Invited Presentation: M. Helmuth on A Composer's View on Sustaining Interactive Music(virtual). Symposium on Archiving and Re-Performing Electroacoustic Music (AREM). Freie Universität., Berlin, Germany	Nov. 29, 2024
<ul> <li>Paper Presentation: M. Helmuth, E. Lamneck, Composer's Note: Music for Tarogato, Computer and Visuals: Burren Wind. Japan Society of Sonic Arts Research Meeting 2024, Tokyo, Japan.</li> </ul>	Sep. 28, 2024
• Paper Presentation: K. McAuliffe, F. Tovar-Henao, M. Helmuth, et al, Cincinnati Center for Computer Music 2024. Int'l Computer Music Conference 2024, Hanyang Univ., Seoul, S. Korea.	Jul. 10, 2024
• Invited Paper Presentation: M. Helmuth, Y. Mu, Endangered Sound and SoundMeshWeb, WebAudio Conference, Purdue Univ., Lafayette, IN.	Mar. 15, 2024
• Invited Workshop: SoundmeshWeb, RTcmix and Endangered Sound by M. Helmuth, Mu, McAuliffe, Ma, McDermott. WebAudio Conference, Purdue Univ.	Mar. 15, 2024
• Invited Presentation/Panel Member during Residency at CMMAS/Autonomous Univ. of. Mexico, Morelia, Mexico.	Nov. 24, 2023
• The New StochGran: Stochastic Granular Synthesis in RTcmix, with K. McAuliffe, International Computer Music Conference, Shenzhen, China (virtual)	Oct. 18, 2023
• Computer Music studio reports presented with students at Int'l Computer Music Conferences in 2024, 2022, 2021 and 2019.	various
• Interactive Music, Music Science and Nature. with students. Classes at Osher Lifelong Learning Institute, Cincinnati, OH. (hybrid)	Feb. 3, Jun. 6, 2022
• Invited Panel Member in Unsung Stories Symposium on Women at the Columbia-Princeton Electronic Music Center/ Columbial Computer Music Center: Roundtable – Histories and Futures for the CMC and Beyond. Columbia Univ., New York, NY. (virtual)	Apr. 10, 2021
<ul> <li>Invited Panel Moderator in Unsung Stories Symposium on Women at the Columbia-Princeton Electronic Music Center/ Columbia Computer Music Center: Roundtable – Reflections on the CPEMC/CMC. Columbia Univ., New York, NY. (virtual)</li> </ul>	Apr. 10, 2021
• Timbre Spaces: Interdisciplinary Education between Architecture and Composition, w/C. Klemmt and students, Association for Collegiate Schools in Architecture 108, San Diego, CA (virtual)	June, 2020
• Recent Music Lecture to class of Michael Rothkopf, Univ. of North Carolina School of the Arts, NC (virtual)	Jan. 31, 2020

ArtTalk 1 and 8: Studio 300 Fest., Transylvania Univ., Lexington.	Oct. 3, 2019
<ul> <li>Invited Panel member for Women in Computer Music,</li> </ul>	Jun. 17, 2019
NYEMF/ICMC 2019, New York Univ, New York, NY.	Jun. 17, 2019
<ul> <li>Recent Interactive Music by Mara Helmuth. Japanese Society of Sonic Arts Meeting.</li> </ul>	Jul. 29, 2018
https://www.youtube.com/watch?v=ViiYaDACzX8&t=17s	
• Soundmesh Update. Network Music Festival, Stony Brook U. NY.	Apr. 20, 2018
Recent Reviews, Discussion of My Music, Use of Excerpts	
<ul> <li>Michael Lukaszuk, discussion of my laptop ensemble works in Soundscapes and Anachronisms in Music for Laptop Ensemble, in eContact! 21.1, Canadian Electroacoustic Community. https://econtact.ca/21_1/lukaszuk_laptop-soundscapes.html</li> </ul>	2021
<ul> <li>Joseph Van Hassel, New Music for Vibraphone: Mara Helmuth's Onsen and Christian Wolff's Vibraphonist. Percussive Arts Society, Percussive Notes, Feb. 2021.</li> </ul>	2021
<ul> <li>Sylvia Pengilly, Review of Breath of Water in Things That Matter, Open Space Magazine, p. 337 spring 2021</li> </ul>	2021
<ul> <li>Jonathan Pitkin, Review of Sound Dunes in ICMC /NYCEMF 2019 at NYU in Array, the ICMA Journal.</li> </ul>	2019
• Ross Feller, Review of Irresistible Flux in Esther Lamneck: Tarogato Constructions, Computer Music Journal, 42:4, pp 81-83. June, 2018. MIT Press.	2018
• Mary Simoni discussed Abandoned Lake in Maine reception in <i>The Analysis of Electronic Music</i> . Cambridge University Press.	2017
• Excerpts of pieces used in Kimberley Burleigh's films, shown internationally.	2005, 2015
Affiliations/Memberships/Jury/Review Panels	
• New Interfaces for Musical Expression Conference review panels.	occasional
Wachmeister competition music jury	2019
Destellos competition music jury	2019
Ohio Arts Council Music Composition Review Panel	2011
Electroacoustic Music Studies Network music jury	2011
• International Computer Music Association. Positions: President 2008-2010, Vice President for Conferences 2004-2006, Board of Directors 1998-2001, ARRAY Newsletter editor or co-editor 1998-2006. Conference Music Chair: 2003. Paper Review, Selection or Programming Committees 2016, 2014, 2011, 2008, 2004, 2000, 1997,	1989 <b>-</b> now
110gramming Committees 2010, 2011, 2011, 2000, 2001, 2000, 1001,	

1996 and recently. Music Jury 2014, 2009, 2006, 2003 and recent years. Best paper selection panel 2010. Commission Award Nominating Committee 1994. Siday Composition Award Jury 2003.

- American Society of Composers, Authors and Publishers.
- Society of Electroacoustic Music in the U.S., music & award juries. Newsletter co-editor 1995-95.
- International Alliance of Women in Music, American Composer's Forum / New Music USA, Electronic Music Foundation and Deep Listening Institute membership

#### **Editorial**

- Perspectives of New Music Editorial Board, 2013-now.
- Article Referee for Organised Sound Journal, in 2011 and 2004.
- Guest editor for Organised Sound Journal Issue 7:3 on Interactivity, Dec., 2002.
- ICMA Array Editor 2000-2003. Co-editor, 1998-99.

1993-now