

Cameron Perry Fraser

CameronPerryFraser@gmail.com

CameronPerryFraser.com

EDUCATION

PhD. – DXARTS (Digital Arts & Experimental Media)

University of Washington, Seattle, WA

Dissertation: “*Large String Array*”

2021

M.F.A. – Sound Art

Computer Music Center (CMC)

Columbia University, NYC, NY

2016

B.F.A. – New Media and Sculpture

Art Center College of Design, Pasadena, CA

2005

EXPERIENCE

Instructor, DXARTS, 470 Sensing and Control Systems for Digital Arts — 2017 - 2021

Instructor, DXARTS, 472 Sensing and Control Systems for Digital Arts — 2021

Director of DXARTS Fabrication Lab — 2017 - 2020

Technician, Computer Music Center, Columbia University — 2015 - 2016

Capital Grant from the NYC Borough President with the New York Academy of Sciences, NYC — 2024

Jack Straw Gallery Residency, Seattle, WA — 2020

Wave Farm Residency, Acra, NY — 2016

Institute for Investigative Living Residency, Joshua Tree, CA – 2015

Gagaku Ensemble, Columbia University — 2015 - 2016

SOFTWARE

Audio

SuperCollider. Ambisonics. Mastering. Qlab. Izotope RX. Finale. Magenta Studio.

DAW: ProTools, Reaper, Audition, Ableton Live and Logic.

Video

Final Cut Pro. Premiere. Jitter. After Effects. DiVinci Resolve.

Programing

Processing. Max / MSP. So-VITS-SVC. Pure Data. Python. Java. openFrameworks.

CAD

Eagle. Unity. Fritzing. Rhino. Grasshopper 3D. Illustrator. Photoshop. SketchUp. Fusion 360.

HARDWARE

Modular Synthesis. Analog and digital outboard gear. Sensing and control systems. Microcontrollers: Arduino and Raspberry Pi. Motor movement and robotic systems. IoT. Circuit bending and hacking.

FABRICATION

Robotic instrument design. PCB fabrication. 3D printing: extruder and SLA. Laser cutting. Luthier. Room acoustics treatment and studio design. Wood fabrication: CNC and hand tooling. Metal fabrication: CNC, hand tooling and welding.

SELECTED WORKS, PUBLICATIONS AND PERFORMANCES

2022

December 17

• *Ebi Revolution* Cameron Fraser and Chatori Shimizu. Amplitude & Cycles ~New York Premieres~. Commissioned by CROSSROADS. Tenri Cultural Institute. New York, NYC.
Josh Henderson (Vn.), Ju-Young Lee (Vc.)

November 26

• *Ebi Revolution* Cameron Fraser and Chatori Shimizu. CROSSROADS International Composition Festival. Commissioned by CROSSROADS. Universität Mozarteum. Salzburg, Austria.
Sophia Goidinger-Koch (Vn.), Barbara Riccabona (Vc.)

October 2 - February 13

• *Amend the Amendment* commissioned by Alex Strada & Tali Keren. *Proposal for a 28th Amendment? Is it Possible to Amend an Unequal System?*. Queens Museum. Queens, NY.

2021

March 26

• *Large String Array* Publication of Dissertation. ProQuest.

March 16

• *Eliane's Dub* Transmission Ecologies #5. curated by Afroditi Psarra. Movement Radio Athens.

2020

October 2 - December 18

• *Large String Array* Solo Exhibition. Jack Straw New Media Gallery. Seattle, Washington.

2019

August 9 - September 23

• *Lāčplēsis* Avoti New Music Festival. Riga, Liepāja, Sigulda, and Mārupe, Latvia.
Cameron Fraser (Cmp.)

April 3 - 4

• *Design Trouble* A Symposium on the Ordinary Ethics of World-Building. Conference organizer. University of Washington. Gould Hall. Seattle, WA.

March 21

• *Electroacoustic File Cabinet* Iterations festival. The Chapel at the Good Shepherd Center, Seattle WA.
Cameron Fraser (Harm., Hp., Cmp.)

2018

September 9

- *The Perceived Emotion of Isolated Synthetic Audio: The EmoSynth Dataset and Results* Fraser, C., Baird, A., Parada-Cabaleiro E., Hantke, S., Schuller, B. Proceedings of Audio Mostly.

February 21

- *Chatra* Music of Today, Concert series. Katharyn Alvord Gerlich Theater, Seattle, WA. Cameron Fraser (P., B., Cmp.)

February 12

- *<abc_null>* Digital release. Zeromoon Records. Washington, DC. Afroditi Psarra (Syn.), Bonnie Whiting (P.), Cameron Fraser (P.)

2017

Nov 13 - 20

- *All of These Things Are Meant to be Broken.* Cameron Fraser and Alec Hall. Qubit presents: Magnitudes. Art345 Gallery. New York, NYC. Alec Hall (Vn.), Tyshawn Sorey (Ds.)

February 21

- *The Mudpots of Niland CA* Concert series. Music Y: New Works by Emerging Artists. Katharyn Alvord Gerlich Theater. Seattle, WA. Cameron Fraser (Cmp.)

2016

May 8

- *Uncloudy Day, Electroacoustic Grain Silo* Solo exhibition. Presented by Wave Farm WGXC. Middleburgh, NY

May 7

- *Local Memory, Algorithmic Chimes* Group exhibition. Drone Festival Basilica Hudson. Hudson, NY.

2015

November 24

- *Prentis Excavation* Solo exhibition. Prentis Hall. Columbia University. NYC, NY.

October 9

- *Solar Harps* Group exhibition. Sound In the Library. Avery Library. Columbia University. NYC, NY.

June 7

- *Rebound* Multimedia Art Walk with LoVid and Dream Uptown. AR technician. NYC, NY.

April 30

- *Amplitude Live* Festival organizer and performer. Pioneer Works. Brooklyn, NY. Cameron Fraser (P., Cmp.)

April 16

- *Lost High Roller* Group exhibition. Amplitudes. Pioneer Works, Brooklyn NY.