Raindrops on a Tin Roof: Exploring the Cyberinet

The Lecture Recital of Matthew A. Bardin

April 18th, 2023 - 7:30PM - LSU Digital Media Center Theatre

Streamed on YouTube at [https://youtube.com/live/w3AjtkcKXS8?feature=share](https://youtube.com/live/w3AjtkcKXS8?feature=share&fbclid=IwAR2RzTd4hJfedPiiBdZowPLHGjcm-_o8vGx59JtNdoVu4nNDUkuhQUZhREU)

Order of Events:

Greetings/Introduction Matthew Bardin

Augmented Instruments & Parts of the Cyberinet

*Puzzle of a Park* (2023) (4 mins) Adam Cope, Cyberinet

Building and Using a Cyberinet Matthew Bardin

*Ethereal Presence* (2022) (5 mins) Adam Cope, Cyberinet

Software Components Matthew Bardin

*Raindrops on a Tin Roof* (2023) (15 mins) Adam Cope, Cyberinet & Matthew Bardin, Narrator

Future Directions, & Closing Notes Matthew Bardin

All materials shown in this lecture recital including software, hardware diagrams, music scores, slides, etc. are all available online at [*https://github.com/mbardin/Cyberinet*](https://github.com/mbardin/Cyberinet)

This event is presented in partial fulfillment of the requirements for the degree of Doctor of Philosophy in Experimental Music & Digital Media.

Performer Biographies

Adam Cope:

Matthew Bardin:

Matthew Bardin, originally a native of Central Florida, is currently based in Baton Rouge, and has written music for large ensembles, chamber groups, voice, solo instruments, and electronics, and is currently ASCAP affiliated. He holds a Master of Music from the Boston Conservatory at Berklee, and a Bachelor of Music from Stetson University. Matthew is currently working towards a Ph.D in Experimental Music & Digital Media from Louisiana State University. Matthew has presented his music at the annual Electric LaTex festival, co-hosted an online workshop at NIME 2020, and served as the 2021 Composer in Residence of the University Presbyterian Church in Baton Rouge, LA. During his time in residency, he composed the works *Slow Down, Stop, Breathe, Keep Going, The Cups of Communion,* and *On the Question of Angels.*

Matthew has studied with Drs. Sydney Hodkinson, Eun Young Lee, Tina Tallon, and most recently, Drs. Jesse Allison, Edgar Berdhal, Stephen Beck, and Mara Gibson. Recently, Matthew has completed the composition and audio production for *Dream Logos*, an experimental physical theatre production with the LSU Theatre program in Edinburgh, Scotland, and a Bass Clarinet Concerto. Matthew is currently teaching the courses Sound Design and Programming Digital Media to local dual enrollment students through the LSU STEM Pathways Program, and has written a large portion of the course textbook. Currently, Matthew is working on his dissertation, *Cyberinet: Integrated, Semi-Modular Sensor Interface for Computer-Augmented Clarinet*, to be completed in early summer 2023. Following the Completion of his dissertation, Matthew will complete work on his in-progress creative coding textbook to be released online.

Matthew also has Type I Diabetes.