



Installation 1 fine-grain fracture

Owen Hopper
University of Cincinnati College-Conservatory of Music

fine-grain fracture is a series of digitally collaged videos, paired with digitally processed audio. A computer algorithm allows for odd interval video and audio sample pairings, creating a continuously evolving visual soundscape. The sounds are all taken from thirty three different Ohio shale rock samples. These recordings were then processed through two different granular synthesis systems and presented in a 6.3 channel sound space alongside the original recordings. Throughout this process, we digitally manipulated the sights and sounds of nature to create a work that seeks to explain our relationship with nature, as well as its part in the growing modern society.

fine-grain fracture is a collaborative installation between composer/sound artist Owen Hopper and visual artist Anna Kamphaus.

Owen Hopper is currently a Masters student in composition at the University of Cincinnati College-Conservatory of Music. He graduated in 2018 from Otterbein University with a degree in music composition and theory. His music focuses on the subtle interaction between humans and a modern computer based society. Through work that encompasses sound, media, acoustics, and digital technology he draws inspiration from topics in science, the environment, and literature. His musical language revolves around texture and timbre, density and openness, as well as aspects of minimalism. He is passionate about taking music out of the concert hall and presenting it in unique public spaces. Most recently his music takes form in multimedia sound installations as well as pieces involving acoustic instruments and computer systems. Owen's work has been performed at the West Fork New Music Festival, The Navy Band International Saxophone Symposium, and at various concerts in the Columbus area. His past teachers include Jennifer Merkwowitz, Charlie Wilmoth, and Jack Jenny.

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