

M1. MUSIC SESSION 1**M1.2 Jeffrey Weeter***Pattern Portrait: Cork*

Pattern Portrait: Cork is composed for an ensemble of four Possibility Box performers. The Possibility Box is a newly designed realtime instrument in a wooden box featuring potentiometers, switches and distance sensors with a Raspberry Pi at its core. There is one performer per box. Each box plugs into its own speaker onstage. The output can also be mixed to a stereo feed for the PA system.

Pattern Portrait: Cork is an audiovisual composition continuously developing its form through the musical and visual exploration of the rhythmic cycles and patterns generated by the traffic data of a Cork City motorway and the water levels of the River Lee. Each automobile on the highway at a given time is represented by both a note and an image. The river levels determine the drone volume. This data is sent to each Possibility Box where the performers improvise with synthesis, timbre and real-time video.

Duration: 6' 00"

Year of Composition: 2019

Jeffrey Weeter composes music, designs real-time multimedia instruments, plays the drums and performs musically with technology. He is director of the Cork Audio Visual Ensemble (CAVE) which performed "The Box" at the International Computer Music/Sound and Music Computing Conference in Athens, Greece. His work was also recently performed at Kunsthau in Zurich, the !f Istanbul AFM International Independent Film Festival, and the Cork Film Festival. During 2011 and again in 2012, collaborations with electronic musician Kate Simko toured the world, touching every continent.

As an educator, Dr Weeter created the first music composition MOOC (Massive Open Online Course) of it's kind in collaboration with Kadenze, leaders in learning creative technologies online. The course "Loop: Repetition and Variation in Music", has been taken by thousands across the globe.

He completed his Doctorate in Music Composition from Northwestern University, served five years as an audio engineer for the Emmy winning "Oprah Winfrey Show", Harpo Studios, Chicago and is currently a Lecturer in Music Composition at University College Cork, Ireland.