



Moments: VR
(Installation)

Virtual Reality generative visuals, music, and sound

Artists:

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Abstract

Moments is a continuously running generative artwork that explores Moment-form, a term coined by Stockhausen to describe music that avoids directed narrative curves, and instead exists within stasis. Created by ensembles of agents – musebots – that assume musical roles in both the creation and performance of each 10 minute composition, each generated work is unique, mercurial, yet compositional – rather than improvisational – in nature.

Musebots [1] are independent intelligent agents that generate both an overall musical structure, and then create the details within that structure. The musebots are “intelligent”, in that they have learned about their environment, and communicate their intentions and coordinate conditions for collaborative machine composition [2].

This premiere of *Moments: VR* includes a visual world created by Simon Overstall, which reimagines the musebot messaging environment in a virtual space. Individual audio musebot’s actions are interpreted visually as separate dynamic visual entities, and the structural conditions are interpreted as virtual landscapes. Although the viewer cannot influence the environment, it is possible to experience the environment in three dimensions, as individual musebot visualisations move within the space, and their audio can be tracked.

Example video: https://youtu.be/i7IP9d_KBzA

(this is a live immersive presentation that includes two dancers: the projections, sound, and music will remain the same)

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Key words: generative music, generative video, virtual reality

Main References:

[1] Bown, O., B. Carey, and A. Eigenfeldt. Manifesto for a Musebot Ensemble. ISEA, Vancouver, 2015.

[2] Eigenfeldt, Arne. Collaborative Composition with Creative Systems. ISEA, Durban 2018.