Yiannis Papadopoulos

Paper-Installation: **AN EVOLVING MUSICAL PAINTING ON THE BOUNDARY BETWEEN PERMANENCE AND CHANGE**

Topic: Audio-Visual Generative Art

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Abstract: Works of art, whether representational or abstract, are typically fixed in time by the artist and remain permanent thereafter. In this work, we depart from this model by defining the "art object" as a multi-dimensional artistic design landscape that can be eternally travelled each time in a different and unique way using computers.

Roberto Bono has painted 12 double-sided abstract panels which, when put together in a 4x3 lattice, create an abstract painting. The number of paintings that could be produced potentially by rotating, flipping or repositioning the twelve panels are in the order of quintillions. One could imagine these paintings as points in a vast artistic landscape that can be explored in the form of a random and unique each time slideshow or by using evolutionary algorithms that start from arbitrary positions within this landscape and move towards those paintings in which the transition of colours between panels has been optimally harmonised. Musicians Alberti and Salmieri have added base music to match the ambience of this visual landscape and accompanying harmonic sounds to individual panels which when played together create variants of the same piece as the audio and visual design spaces of this evolving musical painting are being explored simultaneously.

There is a pervasive feeling of "everything changes and stays the same" in the experience of this art. Indeed, this work can be seen as an experiment on the edge between movement and stillness, stability and instability, permanence and change. This is a boundary that is both intriguing and fascinating and one that has been the subject of deeply significant philosophical and artistic work in the past, from the elegant theories of Zeno of Elea, Heraclitus of Ephesus and Hegel to the beauty of the artistic works by Myron of Eleutherae, Leonardo and Vermeer. Journeys through this musical painting can be experienced at `generativeart.net.dcs.hull.ac.uk`

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