

# Absolute 4.5

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By Ernest Edmonds and Mark Fell

Absolute-4.5 is an art system that reacts to people but also generates its own behaviour with or without an audience by following behaviour rules created with a computer.

As the audience approaches the screen the system detects their presence through sensors in the floor. Aspects of the system's behaviour, such as its rate of change, are influenced by audience behaviour in the space.

The key experimental aspect that is being investigated in Beta\_Space is the ways in which these responses should be set up. Different behaviours will be tested by the artists during the time that the artwork is installed.

Ernest Edmonds is an artist who has used digital technology since 1968. He first exhibited generative time-based abstract work in London in 1985. He is an artist concerned with systems, time and interaction whose work is grounded in the constructivist tradition which is concerned with forms of abstract art and began around the time of the Russian Revolution.

Ernest Edmonds is a Research Professor and Director of the Creativity & Cognition Studios, University of Technology, Sydney and a Professorial Visitor to Goldsmiths College, London. His research in Human-Computer Interaction has led to more than 160 publications.

Mark Fell uses image, sound and interactivity making works that bridge the divide between performance and physical installations. Many of these are public and site specific and draw from several traditions including avant-garde art, computer science, contemporary philosophy and underground music culture.