

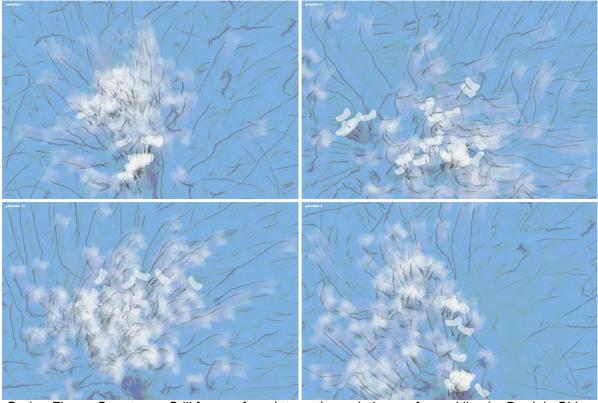
Spring Flower Structures with Butterflies (Live Performance)

Topics: Interactive Painting

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Abstract

Spring Flower Structures with Butterflies is a virtual habitat populated by artificial butterflies in continuous movement. The gesture of painting is manifested as a process of recording the butterflies' body traces in the artificial space. The nature of the butterflies' motion is what modulates the painting strokes and leads to flower-like form aggregation in pictorial configurations. Butterflies are responsive to environmental influences, but are not accessible for direct manipulation by the artist. The process of interactive painting is, therefore, a process of reconfiguring the environment and appears as an intervention in the artificial ecosystem to which drawing agents adapt in time.



Spring Flower Structures. Still frames from interactive painting performed live by Daniela Sirbu.

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Key words: evolutionary art, artificial creativity, Processing **Main References:**

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