



TITLE: *Evolving Landscapes - Winterscapes*
(Live Performance)

Topic: *adaptive animation, experimental animation.*

Authors:

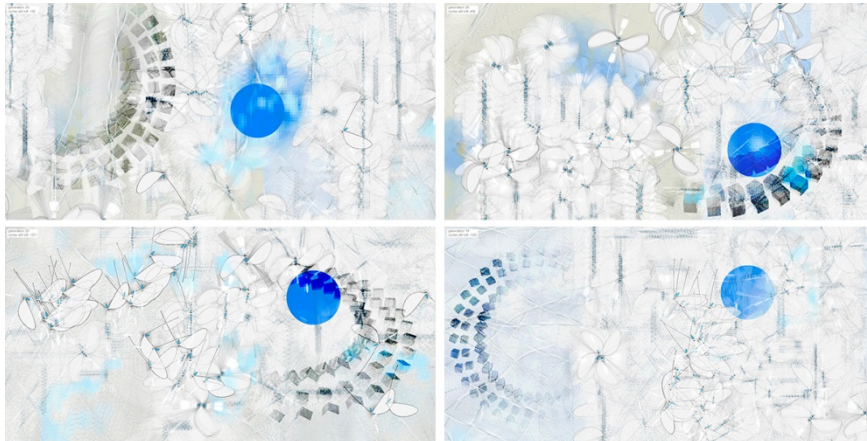
Val Sirbu
University of Alberta
Edmonton, Canada

Daniela Sirbu
University of Lethbridge
Lethbridge, Canada
daniela.sirbu@uleth.ca



Abstract

Evolving Lanscapes-Winterscapes is an artificial live system that evolves winter-like visual structures and environments based on loosely emulating processes that underlie form generation in the natural world. Visual abstract narratives are developed through the integration of these forms with pre-rendered animation and through live interaction with the system. An adaptive form of animation painting is developed in the process.



Frozen Flowers. Still frames captured from artificial life system developed by Daniela Sirbu.

Email:
daniela.sirbu@uleth.ca

Key words: 3D animation, 2D animation, GA, EA, computational art.

Main References:

- [1] Braitenberg, Valentino. *Vehicles. Experiments in Synthetic Biology*, Cambridge Massachusetts MIT Press, 1986.
- [2] Reas, Casey and Chandler McWilliams. 2010. *Form + Code in Design, Art, and Architecture*. New York, NY: Princeton Architectural Press.