

Space and Digital Reality - Ideas, Representations/Applications and Fabrication, within the framework of Tallinn Architecture Biennale TAB 2019.

ROLAND SNOOKS

Strange Behavior

Strange Behavior is an exploration of a behavioral approach to generative design concerned with the interaction of intention and emergence and the strange characteristics and specificity of the architectural artefacts this creates. Drawn from a series of recent design projects, a process is articulated that establishes a synthesis of the behavior of algorithms, robots, materials and painterly operations. These projects contribute to an architectural approach defined as behavioral formation, a design methodology which draws from the logic of swarm intelligence and operates through multi-agent algorithms.

***Roland Snooks** is the director of the architectural practice Studio Roland Snooks and a co-founder of the experimental research practice Kokkugia. Roland's architectural work explores the emergence of intricate formations from self-organising processes. He is an Associate Professor at RMIT University in the School of Architecture and Urban Design, where he directs the RMIT Architectural Robotics Lab. Roland has previously taught widely in the US including at Columbia University, University of Pennsylvania, SCI-Arc and the Pratt Institute. Roland's design research is focused on the development of behavioral processes of formation that draw from the logic of swarm intelligence and the operation of multi-agent algorithms.*