

Exhibition Order and Disorder - Urban Gorilla

Interactive video installation

We set up an interactive video installation offering the possibility to create a video larsen with the body and/or several objects from our everyday life. Spectators will be invited to enter the scene/performance in order to interact with the numeric flow, and be a part of the strange loop.

Conferences

Nov. 28, 2015. Apothikes, Larnaca, Cyprus.

Non-linear dynamics, chaos and self-organization in some natural theories

Abstract – We propose a (non technical) bird's eye view of some ingredients and motives related to dynamical systems, chaos and complexity. Basically, unpredictable behavior of deterministic systems has been called chaos, and since, it has captured our imagination and our vision of the world. We give a smooth introduction to some constitutive elements of chaos theory, such as the butterfly effect, turbulences, fractals and strange attractors. The Ariadne's thread is the unfolding of the spontaneous appearance of order out of chaos.

Nov. 25, 2015 – Institut français de Chypre, Nicosia, Cyprus.

Titre – *Un chemin à travers l'ordre et le désordre.*

Résumé – Nous proposons un survol (non technique) de quelque ingrédients et motifs clés de la théorie des systèmes dynamiques, du chaos et de la complexité. A l'origine, le comportement non-prédictible des systèmes déterministes a été appelé chaos, et depuis, à capturé notre imagination et façonner notre vision du monde. Nous donnons une introduction à certains éléments constitutifs de la théorie du chaos tels que effect papillon, turbulences, fractales ou attracteur étranges. Le fil d'Ariane de l'exposé est la recherche de l'émergence spontanée de l'ordre au sein du chaos.

Speakers

Samy Barkat – After completing his Ph.D. studies in Cognitive Neurosciences and a brief career in the Laboratory of Neurosciences and Sensorial Systems in the Université Claude Bernard Lyon 1, Samy Barkat moved in Lyon (France). In 2007, he stopped working in scientific laboratories in order to join several artistic workshops, where he discovered the experience of artistic performance. He studied the aspects of screen, design and photography, with focus on fractals and organic mandalas, but also video editing and video shooting.

Dimitri Vey – is a mathematical-physicist (Ph.D.) who has worked at the University D. Diderot Paris 7 and currently at the *Nomad Institute for Quantum Gravity*. His research focus on geometry, dynamics and algebra, in particular in field theories, cosmology and quantum gravity. He is interested also in non-linear dynamics, chaos and self-organization in their artistic and mathematical aspects.