



WORKSHOP

SELF-ORGANIZED TEMPORAL CRITICALITY: sociological, neuro-physiological, economical applications

July 17-19, 2017

PISA

PROGRAM

July 17 – Room 6

10 am - 12 pm

Introduction to the workshop: Heidegger and Evola are wrong, emergence of morality is a bottom up process.

(Paolo Grigolini, University of North Texas)

2 pm - 4 pm

Non-Poisson crucial events in the dynamics of the human and social systems. Report on recent experimental results confirming the theoretical perspective advocated by the Pisa-Denton group.

(Fabio Vanni, Institute of Economics, Sant'Anna School)

4 pm – 6 pm

Competition between destroyers and generators of links. A new form of phase transition?

(David Lambert, University of North Texas)

July 18 – Room 10

10 am - 12 pm

Complexity and first-passage time techniques: ergodicity breaking.

(Paolo Grigolini)

4 pm – 6 pm

"The music is not in the notes, but the silence in between." Can we use this famous quote to support the complexity matching approach the music-brain communication?

(Paolo Grigolini)



July 19 – Room 10

10 am - 12 pm

Coherence in the brain and coherence in the heartbeats. How to go beyond Galileo resonance and to explain the surprising heart-brain correlation? Complexity and periodicity. How to get new data and how to properly process them.

(April Pease, University of North Texas)

4 pm – 6 pm

Discussion about the magazine LINKs and how to contribute publications to it.

(Paolo Grigolini)

End of the Workshop