

## Self-organized criticality and tropical geometry

*vendredi 6 juillet 2018 10:00 (1 heure)*

In this talk, I describe our joint work with Kalinin, Guzmán-Saenz, Prieto, Shkolnikov, and Kalinina involving the relation of systems in physics with Self-organized criticality (like earthquakes) and the mathematics of tropical geometry, in particular, we construct a continuous dynamical system in tropical geometry that exhibits self-organized criticality.

**Orateur:** LUPERCIO, Ernesto (Cinvestav - México)