



# Keynote Lecture

*Tuesday 27, 9:00-10:30*

## **How to model violence using complex systems?**

RAFAEL PRIETO-CURIEL

*Complexity Science Hub*

Violence is often treated as a sequence of isolated events, but patterns suggest it emerges from interacting individuals, institutions, and environments. I will present a modeling framework to analyse different types of violence. Drawing on networks, dynamical systems, and agent-based models, I will show how to model crime and potential interventions, aiming to map strategies that can reduce harm.