

# **The Dynamics and Propagation of Riots**

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In this lecture, I will report on a model aiming at studying the dynamics and spreading of riots. It involves an epidemiological approach for the dynamics with a diffusion interaction term. I will discuss this model in the setting of the French riots of 2005 and compare its outcome with a rather detailed set of data for these riots. I will also describe a more general class of reaction-diffusion systems that are relevant in this context.