

## **Uncertainty quantification for kinetic models of collective behavior"**

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In this talk we will focus on methods for kinetic models of collective behavior with random input. These models play a relevant role in emerging fields for modeling complex systems like social sciences, economy and robotics. In such cases uncertainty exists in most modeling parameters. The mesoscopic description of such a phenomena is usually given in terms of a Fokker-Planck equation, for which steady state solution are known in some cases. Then we design steady-state preserving numerical methods in the UQ setting.