Einladung zum Vortrag

von

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On spatial point processes with uniform births and deaths by random connection

We consider a class of birth and death processes in a Euclidean space where the birth rate is constant and the death rate of a given point is the shot noise created at its location by the other points of the current configuration for some response function. This modeling approach is motivated as a spatial model of a peer-to-peer service. The non-monotonicity of the model makes its analysis interesting. The focus of this talk is on the construction of a time-stationary and ergodic version of the process.

Joint work with Francois Baccelli and Fabien Mathieu, INRIA, France.

Termin: Montag, 10. März 2014, 10:00 Uhr

Ort: Universität Ulm, Helmholtzstr. 18, Raum 220

Intressenten sind herzlich eingeladen.
Der Vortrag findet im Rahmen unseres Forschungsseminars statt.

gez. V. Schmidt