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Einladung zum Vortrag

18. Februar 2014

von

Prof. Dr. Ilkka Norros
VTT TECHNICAL RESEARCH CENTRE OF FINLAND

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**

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

gez. V. Schmidt