

# SEMINAR

Thursday March 6, 2014 at 3:30pm

Sidney Smith Hall, Room 1074

***\*\*Refreshments will be served at 3:15pm\*\****

## Backward Simulation of Poisson Processes

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Multivariate Poisson processes have many applications in financial modeling. In particular, in the area of Operational Risk they are used for description and simulation of the frequencies of operational events. Practitioners often model the operational events independently despite observed correlations between the components. In this talk we discuss simulation of the multivariate Poisson model based on the "Poisson Bridge" idea, extreme correlations and their dependence on the intensities of the processes.