



## Mathematics and CS Seminar

# Stochastic Turing patterns and a stochastic version of the Schauder fix Point Theorem

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Host: M. Beiglböck, N. Berestycki, L. Erdős, J. Maas, F. Toninelli

In the Talk we will firstly introduce some biochemical systems generating Turing patterns. Next we define the notion of different solutions of the corresponding system and give the proof of existence of a martingale solution. Finally, we will shortly give the idea of showing uniqueness.

**Tuesday, November 2, 2021 04:45pm - 05:45pm**

Mondi 2 (I01.01.008), Central Building



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