



## Mathematics and CS Seminar

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

**Erika Hausenblas (MU Leoben)**

**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**

IST Austria Campus Mondi 2 (I01.01.008), Central Building



This invitation is valid as a ticket for the IST Shuttle from and to Heiligenstadt Station. Please find a schedule of the IST Shuttle on our webpage: <https://ist.ac.at/en/campus/how-to-get-here/> The IST Shuttle bus is marked IST Shuttle (#142) and has the Institute Logo printed on the side.