



## Mathematics and CS Seminar

# Boundary renormalisation of stochastic PDEs

**Máté Gerencsér (IST Austria)**

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

Interpreting the continuum parabolic Anderson model on a bounded domain, a naïve attempt leads to a solution theory in which all Robin (including homogeneous Dirichlet or Neumann) solutions coincide. The resolution of this is a boundary renormalisation, which we also discuss in the context of other singular equations such as the KPZ or stochastic quantisation equations. Joint work with Martin Hairer.

**Tuesday, February 12, 2019 04:30pm - 05:30pm**

IST Austria Campus Uni Wien HS 11, 2. OG, OMP 1



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.