



## 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



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