



## Mathematics and CS Seminar

# Localisation of the continuous Anderson hamiltonian in 1d

**Cyril Labbe (University Paris-Dauphine)**

**Host: Jan Maas**

Consider the so-called Anderson hamiltonian obtained by perturbing the Laplacian with a white noise on a segment of size  $L$ . This operator is intimately connected to random matrix models and plays an important role for the study of the parabolic Anderson model. I will present a complete description of the bottom of the spectrum of this operator when  $L$  goes to infinity.

Joint work with Laure Dumaz (Paris Dauphine).

**Thursday, November 22, 2018 04:00pm - 06:00pm**

IST Austria Campus Big Seminar room Ground floor / Office Bldg West (I21.EG.101)



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