



## Physical Sciences Seminar

# Cardy embedding of uniform triangulations

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**Host: Jan Maas**

A uniformly sampled triangulation is a canonical model for a discrete random surface. The Cardy embedding is a discrete conformal embedding of triangulations which is based on percolation observables. We present a series of works in progress where we prove convergence of uniform triangulations to the continuum random surface known as Liouville quantum gravity under the Cardy embedding. The project is a collaboration with Xin Sun, and is also based on our joint works with Bernardi, Garban, Gwynne, Lawler, Li, and Sepulveda.

**Thursday, October 11, 2018 04:00pm - 06:00pm**

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



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.