

The Trivial Notions Seminar  
Proudly Announces

Interlacing particle systems

A talk by  
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**Abstract**

We consider an interlacing particle system in the two-dimensional lattice, which can also be interpreted as a growing stepped surface. This model has connections to the representation theory of Lie groups and to the AKPZ equation from mathematical physics. The main results are the discovery of new kernels, and that the fluctuations of the height function converge to the Gaussian free field.

Thursday September 29<sup>st</sup>, at 11:30 am  
Science Center 309