Seminario

Seminario Modelamiento Estocástico / Núcleo MESCD

Expositor

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Título

The KPZ fixed point

Abstract:

I will describe the construction and main properties of the KPZ fixed point, which is the scaling invariant Markov process conjectured to arise as the universal scaling limit of all models in the KPZ universality class, and which contains all the fluctuation behavior seen in the class. The construction follows from an exact solution of the totally asymmetric exclusion process (TASEP) for arbitrary initial condition. This is joint work with K. Matetski and J. Quastel.

Lugar: Sala de Seminarios, 5to piso, DIM, Universidad de Chile
Fecha: Lunes 16 de Octubre, 16:30 hrs.