ID de Contribution: **16**   Type: **Non spécifié**

Continuous monitoring of a single random walker on a lattice, classical or quantum, and KPZ physics.

mercredi 29 mai 2024 09:00 (55 minutes)

I will present some of our recent results concerning the dynamical fluctuations of single, classical or quantum, random walker on a lattice, subject to external continuous monitoring. Exploiting analogies with KPZ physics, I will show that these systems have non trivial scaling of their fluctuations and can exhibit a phase transition in dimensions higher than 1.

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