1139-60-57 **Yu Gu*** (`yugu1105@gmail.com`), Pittsburgh, PA 15232, and **Lenya Ryzhik** and **Ofer Zeitouni**. *The Edwards-Wilkinson limit for stochastic heat equation in high dimensions.*

We consider the heat equation with a random potential in dimensions three and higher, and show that the large scale random fluctuations are described by the Edwards-Wilkinson model with a homogenized diffusivity and variance. Based on joint work with Lenya Ryzhik and Ofer Zeitouni. (Received January 24, 2018)