

# Oberseminar Mathematische Stochastik

Mittwoch, 9. Dezember 2015, 17:00 Uhr, M 6

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## **Free energy fluctuations in some directed polymers and KPZ universality class**

*Abstract:*

I will discuss the KPZ universality class and present some recent results in terms of free energy fluctuations. These are the first proven results of the appearance of the Tracy-Widom distribution function for models of directed polymers at positive temperature.