

## **Internal Seminar**

### **Renormalization-group calculations in some problems of non-equilibrium statistical physics**

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We develop a renormalization scheme to study the moments of probability distribution of KPZ and VLDS-type height fluctuations. We also consider the incompressible dynamics of a fluid governed by the Navier-Stokes equation and obtain velocity derivative skewness. We compare the obtained normalized moment values with the other available numerical, experimental and theoretical data to validate our scheme.

***Tuesday, Apr 5<sup>th</sup> 2016***

***2:00 PM (Tea/Coffee at 1:45 PM)***

***Seminar Hall, TCIS***