

Mathematics Colloquium

Imperial College
London

**Professor Wendelin Werner , Université Paris-Sud
on “ Random surfaces, random geometries”.**

**Thursday 26th January 2012, 5:00-6:00pm
LT 308 Computing Department, Huxley Building**

Abstract:

Is there a natural universal analogue of Brownian motion for random surfaces or membranes?

If so, are there essential differences between these random real-valued functions defined on an interval (i.e. Brownian motion) or on a piece of the plane (this random membrane)? Are they really random surfaces? Is there a way to describe their topography?

We will try to discuss and partially answer such questions.



Reception afterwards in the Huxley Common Room , Level 5, Huxley Building.