

Announcement of a BMS Lecture
by Wendelin Werner (Paris - Orsay)
Einstein Visiting Fellow

on

**Conformal invariant randomness:
Continuous models**

Location: TU Berlin, Math Building, room MA042

Dates: Wednesdays, 12:15 – 13:45

Period: from 6 June till 4 July, 2012 (five lectures)

Abstract: This year's course will be an introduction to the various probabilistic planar objects that exhibit conformal invariance. Topics to be covered include:

- Conformal invariance of planar Brownian motion, Brownian excursions, Brownian loops.
- Introduction to SLE processes
- The Gaussian Free Field
- Relation between the previous three models.

Remark: The Wednesday lectures by Thierry Levy in June are shifted to 14:15 – 15:45; they will take place in the room MA748.

Thierry's lecture of 13 June is cancelled.

Everybody is welcome to attend.
Wolfgang König (TU Berlin and WIAS)