# General Mathematics Seminar
## ———— of the University of Luxembourg ————

in cooperation with the
Luxembourg Mathematical Society

**Tuesday 17 May 2016, at 4 pm**          **Campus Kirchberg, Room B02**

## Prof. Dr. Andrzej Zuk

Université Paris 7, France

### *Random walks on random symmetric groups*

Finite simple groups are generated by two elements. Asymptotically almost surely a random choice of elements provides generators. We are interested in efficiency of generating symmetric and alternating groups in terms of mixing times. The results are based on expansion properties of certain random graphs.

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