

General Mathematics Seminar
of the
University of Luxembourg
in cooperation with the
Luxembourg Mathematical Society

January, 2012

Tuesday, January 15, 2013, at 17:00

Campus Kirchberg, Room B02

Oliver Johnson
(Bristol university)

Entropy and properties of the Poisson distribution.

Abstract:

I will introduce some ideas relating to uncertainty and probabilistic limit theorems. I will explain a maximum entropy property of the Poisson distribution, and relate it to log-concavity. I will show how these results can be seen as analogues of better-known results regarding continuous random variables