

**Lisa Hartung (U Mainz)**

**High points of a random model of the Riemann-Zeta function and Gaussian multiplicative chaos**

We study the total mass of high points in a random model for the Riemann-Zeta function. We establish a connection between the total mass of points which are a linear order below the maximum and Gaussian multiplicative chaos. Our results are based on a branching approximation of the model and the second moment method.

(joint work with L.-P. Arguin and N. Kistler).