

SALZBURG MATHEMATICS COLLOQUIUM

Winter 2015/2016

Christoph Aistleitner (Linz)

„Extreme values of the Riemann zeta function“

October 8, 2015

Abstract:

In this talk we are interested in proving the existence of large values of the Riemann zeta function along vertical lines in the complex plane. For this purpose, we present Soundararajan's „resonance method“, and establish a connection with certain sums involving greatest common divisors.

Thursday, **15:15-16:00**

Hörsaal 414, 1. Stock