

Steve Gonek (University of Rochester). “Zeros of partial sums of the Riemann zeta-function.”

Abstract: We will discuss the distribution of the zeros of partial sums of the Riemann zeta-function,

$$F_X(s) = \sum_{n \leq X} n^{-s},$$

estimating the number of zeros up to height T , the number of zeros to the right of a given vertical line, and other aspects of their horizontal distribution. this is joint work with Andrew Ledoan.