

## **abstract**

Analysis Seminar  
Topic:

Speaker:

Affiliation:

Date:

Time/Room:

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We study the hole probability of Gaussian entire functions. More specifically, we work with entire functions given by a Taylor series with i.i.d complex Gaussian random variables and arbitrary non-random coefficients. A 'hole' is the event where the function has no zeros in a disk of radius  $r$ .

We find exact asymptotics for the rate of decay of the hole probability for large values of  $r$ , outside a small (non-random) exceptional set.