



DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

## Colloquium

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A LOWER BOUND FOR THE DISCRETE NEGATIVE MOMENT OF  
THE RIEMANN ZETA-FUNCTION

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**ABSTRACT:**

In this colloquium, I will begin with generally assessable survey of the Riemann zeta-function and the study of its moments. This review will be followed by a report of my recent joint work with P. Gao on the negative discrete moments of this function of fundamental importance. Technical details will be kept at a minimum.

**4 – 5pm**

**Wednesday, January 24, 2024**

**Room 204, Smith Hall**