

ALGEBRA  
SEMINAR

*What to expect when you're unexpected: The distribution of  
consecutive prime biases*

Robert Lemke Oliver  
Tufts University

**Abstract:** In recent work with Soundararajan, we conjectured that there are large biases in the distribution of consecutive primes in arithmetic progressions to a fixed modulus. Here, we review this conjecture, and we discuss the distribution of the terms involved. This proves to be surprisingly subtle and connected to classical problems in analytic number theory.

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MATHEMATICS AND COMPUTER SCIENCE  
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