

НАЦИОНАЛЕН СЕМИНАР ПО СТОХАСТИКА

секция „Изследване на операциите, вероятности и статистика“

Поредната сбирка на *Националния семинар по стохастика* ще се проведе на **3 юли 2019 г.** (сряда) от **14:00** часа в зала **403** на ИМИ-БАН. Доклад на тема:

"Probabilistic models for primes"

ще изнесе Kevin Ford (University of Illinois at Urbana-Champaign).

Abstract: We introduce a new probabilistic model for primes, which we believe is a better predictor for the behavior of prime in short intervals than the existing models of Cramer and Granville. We also make strong connections between our model, prime k -tuple counts, large gaps and the "square-root sieve". In particular, our model makes a prediction about large prime gaps that may contradict the models of Cramer and Granville, depending on the tightness of a certain sieve estimate.

This is joint work with Bill Banks and Terence Tao.

Поканват се всички интересуващи се.