

## **Thresholds**

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**Time: July 15th, 9:00 - 10:00**

**Zoom meeting ID: 847 7492 2132 Password: 121323**

**Link: <https://zoom.us/j/84774922132>**

### **Abstract:**

Thresholds for increasing properties of random structures are a central concern in probabilistic combinatorics and related areas. In 2006, Kahn and Kalai conjectured that for any nontrivial increasing property on a finite set, its threshold is never far from its "expectation-threshold," which is a natural (and often easy to calculate) lower bound on the threshold. In this talk, I will present recent progress on this topic. Based on joint work with Huy Tuan Pham.