

*Department of Mathematics,  
University of California, San Diego*

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# **Math 288 - Probability & Statistics Seminar**

## **Matus Telgarsky**

UCSD, Department of Computer Science

## **Central Binomial Tail Bounds**

### **Abstract:**

An alternate form for the binomial tail is presented, which leads to a variety of bounds for the central tail. A few can be weakened into the corresponding Chernoff and Slud bounds, which not only demonstrates the quality of the presented bounds, but also provides alternate proofs for the classical bounds.

Host: Bruce Driver

**Thursday, November 19, 2009**

**10:00 AM**

**AP&M 6402**

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