

# Computer Science/Discrete Mathematics Seminar I

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Clique Number of Random Geometric Graphs in High Dimension

**Series:** Computer Science/Discrete Mathematics

Sebastien Bubeck

Princeton University

**Date & Time:** Mon, 01/21/2013 - 11:15 - 12:15

**Location:** S-101

In small dimension a random geometric graph behaves very differently from a standard Erdős-Rényi random graph. On the other hand, when the dimension tends to infinity (with the number of vertices being fixed) both models coincide. In this talk we study the behavior of the clique number of random geometric graphs when the dimension grows with the number of vertices.

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Fri, 10/12/2012 - 17:31

Thu, 01/03/2013 - 15:31

terms:

- [CSDM Seminars](#)