

## Computer Science/Discrete Mathematics Seminar II

Submitted by admin on Thu, 02/21/2013 - 12:01

Derandomizing BPL?

**Series:** Computer Science/Discrete Mathematics

Avi Wigderson

School of Mathematics, IAS

**Date & Time:** Tue, 02/26/2013 - 10:30 - 12:30

**Location:** S-101

**Video Link:**

<http://video.ias.edu/csdm/1213/0226-AviWigderson>

I will survey some of the basic approaches to derandomizing Probabilistic Logspace computations, including the "classical" Nisan, Impagliazzo-Nisan-Wigderson and Reingold-Raz generators, the Saks-Zhou algorithm and some more recent approaches. We'll see why each falls short of complete derandomization,  $BPL=L$ , hopefully motivating further work on this basic problem.

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Dorothea Phares

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Wed, 12/19/2012 - 18:21

Thu, 02/21/2013 - 15:11

terms:

- [CSDM Seminars](#)