



香港中文大學
The Chinese University of Hong Kong

Institute of Theoretical Computer Science and Communications

ITCSC-CSE Seminar

Sampling in High Dimension

By

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19 June 2018, Tuesday

4:15 pm – 5:15 pm

Room 1009, 10/F, William MW Mong Engineering Building, CUHK

Abstract:

In the first part, we present a tighter analysis of a sampling algorithm for the interior of convex sets.

In the second part, we present a faster sampling algorithm for polytopes.

Biography:

Yin Tat Lee is an assistant professor in the Paul G. Allen School of Computer Science & Engineering at the University of Washington. He obtained his BSc in Math from CUHK and PhD from MIT.

His research interests are primarily in algorithms and they span a wide range of topics such as convex optimization, convex geometry, spectral graph theory, and online algorithms. His primary research goal is to find algorithms for solving a general class of convex optimization problems.

He has received a variety of awards for my work, including Best Paper Award at SODA 2014, Best Paper Award and Best Student Paper Award at FOCS 2014, Best Student Paper Award at FOCS 2015, Sprowls Award and NSF Career Award.

***** ALL ARE WELCOME *****