



THE UNIVERSITY OF  
**CHICAGO**

Department of Statistics

MASTER'S THESIS PRESENTATION

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An Overview of Recent Development on Graph Kernels

WEDNESDAY, April 25, 2018, at 3:00 PM  
Jones 304, 5747 S. Ellis Avenue

ABSTRACT

In this talk, we will examine some recent developments on graph kernels. We will start off with an overview of kernel methods and a brief discussion of its relation to other schemes (e.g, neural networks). We then discuss two "combinatorial-typed" graph kernels, followed by an examination of a very recent trend in which statistical quantum mechanics and graph kernels are incorporated together. Last but not least, we will end the talk by pointing out some possible future research directions that might be worth pursuing.