



THE UNIVERSITY OF
CHICAGO

Department of Statistics
STATISTICS COLLOQUIUM

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Locality Principle and Fast Algorithms for Electronic Structure
Models

MONDAY, October 26, 2015, at 4:00 PM
Eckhart 133, 5734 S. University Avenue
Refreshments following the seminar in Eckhart 110.

ABSTRACT

We will present some recent works on analysis and design of efficient algorithms for electronic structure models. The locality principle of electronic structure plays an essential role. We will discuss the mathematical understanding and applications of the locality principle.