

HKBU MATH 45th Anniversary Distinguished Lecture

Dirichlet Forms and Applications



Professor Zhi-Ming Ma

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Professor, Institute of Applied Mathematics, AMSS, CAS
Fellow of Chinese Academy of Sciences
Fellow of the Academy of Sciences for the Developing World
Hua Loo-Keng Mathematics Prize, 2005
S. S. Chern Mathematics Prize, 1995
Invited speaker, International Congress of Mathematicians, 1994
Chinese National Natural Sciences Prize, 1993
Max-Planck Research Award, 1992*

Date: 30 November 2015 (Monday)

Time: 4:30 pm - 5:30 pm (Preceded by Reception at 4:00 pm)

Venue: WLB103, Dr. Hari Harilela Lecture Theatre,
The Wing Lung Bank Building for Business Studies,
Shaw Campus, Hong Kong Baptist University

Abstract

The theory of Dirichlet forms is a powerful mathematical framework which connects deterministic potential theory and stochastic analysis. In this talk I shall briefly introduce the notion of Dirichlet forms and review some of its applications. I shall also present some recent development and results in this research direction.

✧ ✧ ✧ All are welcome ✧ ✧ ✧

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