

WILLIAM BENTER DISTINGUISHED LECTURE SERIES

A Series of Distinguished Lectures in Pure and Applied Mathematics

organized by

Liu Bie Ju Centre for Mathematical Sciences
City University of Hong Kong

Modeling Rare Events

by

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Member of the Chinese Academy of Sciences



Abstract

Many important dynamic processes in nature can be viewed as being rare events. They don't occur very often but if they do occur, they have drastic consequences. We will discuss the theoretical framework for describing such events, as well as the numerical algorithms that have been developed. We will discuss applications to problems that arise in material science, chemistry and fluid mechanics.

Date : Friday, 22 March, 2013

Time : 09:30

Venue: P4704, Purple Zone, 4/F, Lift No. 1
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