数学与系统科学研究院

计算数学所学术报告

报告人： **Prof. Abani Patra**

（ *Department of Mechanical and Aerospace Engineering, State University of New York at Buffalo* ）

报告题目：**Characterizing the effect of Parametric Uncertainty on Mass Flow Models Using Surrogates, Localized Covariances, and Other Related "Crimes" For Constructing Hazard Maps Using HPC**

邀请人： 袁礼研究员

报告时间：**2011** 年 **9** 月 **30** 日（周五）

下午 **16**：**00-17**：**00**

报告地点： 科技综合楼三层 **311**

计算数学所报告厅

Abstract:

This talk will describe some ideas for constructing probabilistic hazard maps using ensembles of flow models and parameter uncertainty propagation. Parallelizing these calculations using localized covariances allows us to compute these maps in hours as opposed to traditional methods that take months.

欢迎大家参加！