



## PIMS / AMI Seminar

Friday, August 26, 2011  
3:00 p.m.  
CAB 657

Applied  
Mathematics  
Institute



... the backbone of science!

**“Strong law of large numbers of some models related to branching processes”**

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Peking University

### Abstract

Branching process is the basic model used to describe population growth in biological systems. Branching diffusion and super-diffusion are more complex models which root in diverse areas of pure and applied science, including population genetics models, interacting particle systems and stochastic partial differential equations. In this talk, I will mainly introduce recent developments on strong law of large numbers for branching processes, branching diffusions and super-diffusions.

Refreshments will be served in CAB 649 at 2:30 p.m.