PIMS / AMI Seminar

Thursday, August 21, 2014
3:00 p.m.
CAB 657

"X-harmonic functions, conditioning, and the Martin boundary of Super-Brownian motion"

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Abstract

In this talk I am going to describe a measure valued stochastic process called Super Brownian Motion(SBM) and how one can obtain certain conditional distributions of this process via X-harmonic functions. I will show an explicit construction of a Super-Brownian Motion conditioned on its exit measure, and discuss the connections of this conditioning to the Martin boundary of Super-Brownian motion.

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