PIMS / AMI Seminar

Friday, June 30, 2017
3:00 p.m.
CAB 657

"Differential one-forms on Dirichlet spaces and Bakry-Emery estimates on metric graphs"

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Abstract

A general framework on Dirichlet spaces is developed to prove a weak form of the Bakry-Emery estimate and study its consequences. In the classical setting of Riemannian manifolds, this is equivalent to having Ricci curvature lower bounds. However, this estimate may be satisfied in situations, like metric graphs, where generalized notions of Ricci curvature lower bounds are not available. Based on Joint work with F. Baudoin.

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