

College of Arts and Sciences
Interdisciplinary Mathematics Institute
University of South Carolina

IMI Seminar Series

Fall 2017



Dirichlet spaces, regularity spaces. Application to some classical topic rand Gaussian processes.

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In this talk, we recall first how, on a suitable Dirichlet space, one can built regularity spaces, and a wavelet system. This relies essentially on the Gaussian behavior of the associate semi-group. Then we will apply to convex subset of Riemannian manifold and revisit some classical results on the behavior of Gaussian processes.

For more information about this and other IMI seminars, please visit: <http://imi.cas.sc.edu/events/719/>

TUESDAY
October
17

4:15 - 5:15 PM

LeConte College

Room 312



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