

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

IMI Seminar Series

Spring 2018



Regularity spaces in a geometric framework. Examples and application to Gaussian processes and non-parametric statistical adaptive estimation.

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In this talk we first review the theory of Dirichlet spaces, where one can develop regularity spaces and a wavelet system. This theory, for instance, applies to convex subsets of Riemannian manifolds. Then we revisit and generalize some classical results on the behavior of Gaussian processes and non-parametric adaptive statistical estimation.

For more information about this and other IMI seminars, please visit: <http://imi.cas.sc.edu/events/801/>

WEDNESDAY

April

25

4:00 - 5:00 PM

LeConte College

Room 312



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