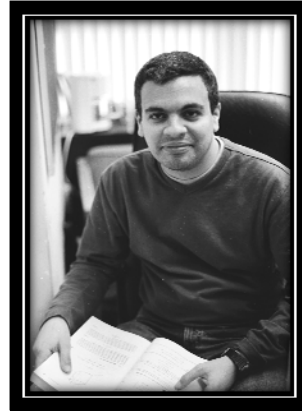


Wavelets and Probability

Professor Alfredo J. Rios
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Date : 19 August 2009 (Wednesday)
Time : 4 pm – 5 pm
Venue: SPMS-Executive Classroom 1, MAS-03-06
School of Physical and Mathematical Sciences

The purpose of this talk is to present some connections between the theory of probability and the study of some wavelet series. The list of topics include the study of sets of convergence of wavelet series, the representation problem, tilings of the n -dimensional Euclidean space and Haar-type multivariate series with respect to dilation matrices.

Speaker Biography

Alfredo Rios obtained his Ph.D. from Rutgers University in 2004 under the supervision of Prof. Richard Gundy. He had held a visiting position in Lehigh University in Bethlehem Pennsylvania. Currently, he is an assistant professor in Universidad Simón Bolívar in Caracas, Venezuela. His mathematical interests include harmonic analysis and probability.

Host: Prof. Zhao Liangyi, Division of Mathematical Sciences, School of Physical and Mathematical Sciences

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