### INDIAN STATISTICAL INSTITUTE

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# International Statistics Year Special Seminar

Date: Friday, 15th March 2013

Time: 10.30 am

# Statistical Inference for Fractional Diffusion Processes

#### Professor B L S Prakasa Rao

Ramanujan Chair Professor,

CR RAO Advanced Institute of Mathematics, Statistics & Computer Science.

<u>Abstract:</u> Some time series present long-range dependence. Fractional Brownian motion has a long-range dependence property under some conditions. We will discuss inference problems for stochastic processes driven by a fractional Brownian motion.

Time: 12 noon

Data Analysis: Is it Beyond Statistics

## **Professor T Krishnan**

Mu-Sigma Business Solutions, Bangalore

<u>Abstract:</u> Now that the world produces teratons of data every moment, data analysis in all fields, be it business, industry, media, or science, is an intense activity so much so that analysis of data is itself an industry called Analytics. In this talk, we shall discuss the following questions in this context. What kinds of data analysis problems are encountered in this industry? What are the technical and soft skills needed for Analytics? What are the tools required? What is the role of conventional statistical methods in this industry? Why are Engineering graduates preferred over Statistics graduates for these jobs? Can an Analyst be trained? What are the issues faced by the Analytics industry?

**Venue: Platinum Jubilee Auditorium, ISI, Bangalore**All are welcome.