



C R Rao Advanced Institute of Mathematics, Statistics & Computer Science (AIMSCS)

University of Hyderabad Campus, Gachibowli
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Special Lecture

on

Shape of the Earth, Motion of the Planets and the Method of Least Squares

by

Prof. Probal Chaudhuri
Indian Statistical Institute, Kolkata

Abstract:

In the 18th century, while dealing with astronomical and geodesic measurements, the scientists were confronted with a statistical problem, which in those days was described as "the problem of combining inconsistent equations". People who worked on this problem and contributed towards its solutions include Euler, Laplace, Gauss and Legendre among many others. I shall discuss the history of the problem and how it eventually led to the invention of the method of least squares.

Brief Biodata of Prof. Probal Chaudhuri



Probal Chaudhuri is a Professor at Indian Statistical Institute, Kolkata and is working there since 1990. He was an undergraduate and a postgraduate student in the same institute during 1980-85. Later he went to University of California at Berkeley and obtained a PhD degree in statistics in 1988. Before returning to India, he worked as a faculty in University of Wisconsin at Madison for a couple of years. He is a fellow of all three National Science Academies in India and the Institute of Mathematical Statistics in the US. He is also a recipient of the C.R.Rao National Award in Statistics and the Shanti

Swarup Bhatnagar Prize for Mathematical Sciences.

Date and time : 13th February 2015, Friday at 11:30 AM
Venue: Ramanujan Building, C R Rao AIMSCS

There is no registration fee.

Interested participants should register on or before 11.00 am on 12th February 2015 (Thursday) by email to ramanujan127@crraoaimscs.res.in with a subject as "Special Lecture"