3 days lecture series celebrating the Birth Centenary of eminent statistician Prof. Calyampudi Radhakrishna Rao

Second Lecture Series on Probability and Statistics

PROGRAM SCHEDULE
FROM 2-30 PM TO 5 PM

Day 1: 13th September, 2020
Welcome Address
Speakers: Prof. Bikas K Sinha, ISI, Kolkata (Retd.)
Prof. Gaurangadeb Chattopadhyay, CU
Session Chair : Prof. Anup Dewanji, ISI, Kolkata
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Day 2: 14th September, 2020
Speakers: Prof. B.V. Rao, CMI, Chennai
Prof. Alok Goswami, IACS, Kolkata
Session Chair : Dr. Mrinal Nandi, WBSU
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Day 3: 15th September, 2020
Speakers: Dr. Arnab Chakroborty, ISI, Kolkata
Prof. Probal Chaudhuri, ISI, Kolkata
Session Chair : Dr. Sanghamitra Pal, WBSU
Vote of Thanks

Program Coordinators:
Dr. Sanghamitra Pal
Dr. Mrinal Nandi

Platform: **ZOOM**

Organized by:
Department of Statistics,
West Bengal State University

Lecture Series 2 on Probability and Statistics

3-Days online lectures celebrating the Birth Centenary of Prof. C. R. Rao

Organized by

Department of Statistics, West Bengal State University

Registration Link:
https://docs.google.com/forms/d/e/1FAIpQLSfqTqgMWvgYjJ0AQTMxIjL3aWLMbURwNYqUzrT4y92RUYIJcw/viewform

Speakers

Day 1: 13th September, 2020
14-50: **Professor Bikas K Sinha**
Topic: **Professor C R Rao: Statistician in History**
Abstract:This will be a popular presentation about academic activities of Prof. C R Rao within India and abroad. Vast and varied contributions in Statistics earned him due credit to be recognized as "Statistician in History".

15-50: **Professor Gaurangadeb Chattopadhyay**
Topic: **Multiple Hypotheses Testing**

Day 2: 14th September, 2020
14-30: **Professor B. V. Rao**
Title: **Brownian Motion**
Abstract: We shall introduce Brownian Motion from a historical perspective travelling briefly through the relevant works of Brown, Bachelier, Einstein, Wiener and Ito. We conclude with a few mathematical aspects.

15-45: **Professor Alok Goswami**
Title: **Problem in Graph Theory: Erdos's Probabilistic Solution**
Abstract: This talk will describe an old and long-standing problem in graph theory and how Paul Erdos, in 1959, used elementary probability theory to solve the problem.

Day 3: 15th September, 2020
14-30: **Dr. Arnab Chakraborty**
Title: **Bayesian Statistics: An Overview**

Abstract: We shall take a whirlwind tour of Bayesian statistics, starting with the basic concepts and then working our way up to as much as possible. I shall try to keep the exposition as non-mathematical as possible, focusing on the key ideas, rather than the details. The broad scope of the presentation will be limited only by the ignorance of the speaker.

15-45: **Professor Probal Chaudhuri**
Title: **C. R. Rao and Mahalanobis' Distance**
Abstract: C. R. Rao has made seminal contributions in many areas in statistics. A review of some of his fundamental contributions towards the development of the theory and application of Mahalanobis distance in classification problems will be presented in this talk. The review is based on information provided in some of Rao's famous research and autobiographical papers.