Theoretical Statistics and Mathematics Unit

Monday Colloquium

Date: November 28, 2016                                     Time: 4:15 PM

Venue: L-Infinity, Stat-Math Unit (5th Floor, A.N. Kolmogorov Bhavan)

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On Continuous Images of the Cantor's Ternary Set

Abstract
The Alexandroff- Hausdorff theorem asserts that every compact metric space is a continuous image of the Cantor's Ternary set. In this talk an attempt is made to describe in general the continuous images of the Cantor set. In the process a general result is obtained from which a recent example of a compact, countably infinite, non-Hausdorff space which is not a continuous image of the Cantor set can be easily derived.

All are cordially invited