

CALIFORNIA STATE UNIVERSITY, LONG BEACH

THE MATHEMATICS COLLOQUIUM

Presents

Professor Donald G. Saari

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University of California - Irvine

Speaking on

Mathematics and Geometry of Voting

Friday, April 10, 2009

12:00noon – 1:00pm

FO3-200A

Abstract: We vote, we use decision rules to decide, and yet so much can go wrong. Answers as to why come from mathematics; in this expository lecture, I will describe some of the mathematical concepts that are needed to understand and explain all voting paradoxes.