

CALIFORNIA STATE UNIVERSITY, LONG BEACH

THE MATHEMATICS COLLOQUIUM

Presents

Dr. Dennis Eichhorn

University of California, Irvine

Speaking on

A completely accessible and historically motivated introduction to The Theory of Partitions and its connections to number theory, combinatorics, representation theory, complex analysis, group theory, modular forms, continued fractions, patience, chess, particle physics, and ping-pong.

Friday, May 1, 2009

12:00noon – 1:00PM

FO3-200A

Abstract: In this talk, we take a whirlwind tour of the theory of partitions. Beautiful results from this area's rich history will be presented, and the connections between partition theory and many other fields will be discussed. The talk will be aimed at the partition-theoretically uninitiated, and should be accessible to graduate students and advanced undergraduates.