



CLAREMONT CENTER
for MATHEMATICAL SCIENCES

CCMS COLLOQUIUM

INFINITE GROUPS

by

Efim Zelmanov

University of California, San Diego

Abstract: I will discuss the history, basic problems and the current state of the theory of Infinite Groups. In fact, the only prerequisites are the notion of a group and related concepts like subgroups, normal subgroups, generators, and the notion of a graph (i.e., vertices and edges).

About the speaker: Efim Zelmanov is a recipient of Fields Medal (1994) and College de France Medal (1991), and is one of today's most distinguished mathematicians. He works in the general area of algebra, and is best known for his solution of the restricted Burnside problem. He has authored over 100 research papers and monographs, and is a member of editorial boards of numerous journals, including Annals of Mathematics and the Journal of AMS. Zelmanov is also a member of the American Academy of Sciences and the Academy of Arts and Sciences, as well as foreign member of the Korean and Spanish academies. He has served on the Abel Prize Committee and advising boards of the American Institute of Mathematics, Fields Institute, Pacific Institute for Mathematical Sciences, and Beijing University Mathematics Institute. Zelmanov received his Ph.D. in Novosibirsk (Russia) in 1985, and has held positions at the Institute of Mathematics in Novosibirsk, Leningrad University, University of Wisconsin-Madison, University of Chicago, Yale University, and the University of California at San Diego, where he is now the R. Atkinson Professor of Mathematics.

Wednesday, November 16, 2011, at 4:15pm

Millikan Auditorium, Pomona College

Refreshments at 3:45 p.m. in Millikan Auditorium & wine and cheese after the talk in Harry's Room (Millikan 209)

*The dinner will be hosted by Prof. Stephan Garcia.
Please contact Prof. Garcia if you are interested in attending the dinner*