

The Faculty of Mathematics and Computer Science The Weizmann Institute of Science

presents

Invited Talks by the Recipients of the 2012 Wolf Prize in Mathematics

*Tuesday, May 15
Ziskind Building
Room 1*

10:30 – 11:30

Prof. Michael Aschbacher
Caltech

Finite simple groups

Abstract: The classification of the finite simple groups supplies us with a list of the simple groups. I'll describe those groups as automorphism groups of various interesting objects, and give some history of their discovery. The talk will be expository and accessible to anyone who has taken a good undergraduate algebra course.



Coffee break

11:45 - 12:45

Prof. Luis A. Caffarelli
University of Texas at Austin

Some non linear problems involving non local operators

Abstract: We will discuss how nonlinear problems involving integral operators arise in several areas (fluids, optimal control, phase transition) and some of the issues we have been studying.

