CHARLES PHELPS
TAFT
RESEARCH CENTER

Tuesday March 27, 2012
4:00–5:00 pm
Campus Recreation Center, Room 3210

Lawrence C. Evans

University of California, Berkeley

The Unreasonable Effectiveness of Measure Theory

This lecture will introduce non-experts to the basic definitions and constructions of measure theory and then explore a sampling of its wide-ranging applications. While measure theory is often taken for granted by mathematicians, it is a truly remarkable subject; this point will be illustrated via recent advances in nonlinear dynamics ("Weak KAM theory") and in optimal transport theory. Lawrence C. Evans is Professor of Mathematics at the University of California, Berkeley, and a leading scholar and author in the field of partial differential equations.

Sponsored by the Taft Research Center and the Department of Mathematical Sciences.

All lectures are held at Taft House at Stratford Heights 2625 Clifton Ave. unless otherwise noted.
For questions, please call 556-0675.
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