

**The Center for Control, Dynamical Systems, and Computation
University of California at Santa Barbara Spring 2008
Seminar Series Presents**



Control and Analysis of Coupled Slow and Fast Motions

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Friday, May 30, 2008 3:00-4:00pm Harold Frank Hall 1104

Abstract:

Coupled slow and fast dynamics arise in applications. They offer challenges on the modeling, analysis and computational levels. An overview of an approach based on Young measures and considerations of averaging will be offered; it applies when the fast component may not converge to an equilibrium, which, in turn, is a special case.

About the Speaker:

Zvi Artstein completed his studies at the Hebrew University of Jerusalem and is now a Professor of Mathematics at The Weizmann Institute of Science. His research interests include dynamical systems, control and decision theory.
