Institute for Analysis and Scientific Computing, and Doctoral Program "Dissipation and Dispersion in Nonlinear PDEs"

Course Announcement:

Modeling, analysis and numerical simulation of micro-electro mechanical systems

by
Professor Alan Lindsay

Dept. of Applied & Computational Math & Statistics
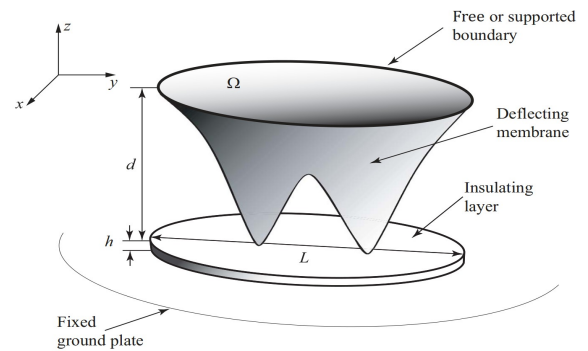University of Notre Dame

Contents:

Mathematical modeling and analysis of the pull-in instability

Systems of nonlinear high order PDE's

Touchdown phenoma (finite time singularity)

Singular perturbation problems

Adaptive numerical strategies

Schematic diagram of a MEMS capacitor.

Time and Location:
March 07, 2016, 14:00 - 15:15
March 08, 2016, 09:30 - 10:45
March 10, 2016, 14:00 - 15:15
Seminar room 03 B

For detailed information about the course visit:
www.npde.tuwien.ac.at → events