Spring 2016

Mathematical Sciences
DiPrima Lecture

Tsunami Modeling and Hazard Assessment

Abstract: As events of the past decade have tragically demonstrated, tsunamis pose a major risk to coastal populations around the world. Numerical modeling is an important tool in better understanding past tsunamis and their geophysical sources, in real-time warning and evacuation, and in assessing hazards and mitigating the risk of future tsunamis. I will discuss a variety of techniques from adaptive mesh refinement to probabilistic hazard analysis that are being used for tsunamis and related geophysical hazards.

Speaker: Randall J. LeVeque

(University of Washington)

Monday, February 1, 2016

Time: 4:00 – 5:00 PM

Location: AE214

Refreshments: 3:30 – 4:00 PM, AE 4th Floor Lounge

Reception: 5:00-6:00 PM, AE 4th Floor Lounge

Rensselaer

Host: Rongjie Lai