

Brown / Boston University Dynamics & PDE Seminar

Spring 2016 Host: Brown University

April 25, 2016

The Division of Applied Mathematics at Brown University and the Department of Mathematics and Statistics at Boston University hold joint seminar events on topics related to PDE and dynamical systems, broadly construed. For more information, visit our website or contact the organizers:

<http://www.brown.edu/campus-life/events/joint-dynamics-seminar/>
Dave Kaspar (david_kaspar@brown.edu) & Kelly McQuighan (kmcquigh@bu.edu)

Location information

182 George Street
Division of Applied Mathematics
Brown University
Providence, RI 02912

The talks will be in Room 110, 1:30 – 3:30 and 5:15 – 6:15. Participants are welcome to attend the regular Lefschetz Center for Dynamical Systems (LCDS) Seminar 4:00 – 5:00, or to use this unstructured time to meet with colleagues, etc.

Program

- 1:30 – 2:00 Alexandria Volkening (Brown)
Agent-based and continuum models of stripe formation on zebrafish
- 2:00 – 2:30 Mickey Salins (BU)
Smoluchowski-Kramers approximation and large deviations for the stochastic wave equation
- 2:30 – 3:30 Maxim Olshanii (UMass Boston)
The inverse linearization problem
- 4:00 – 5:00 LCDS Seminar: Xujia Wang (Australian National University)
- 5:15 – 5:45 Carey Caginalp (Brown)
Propagation of special initial data through Burgers' equation
- 5:45 – 6:15 Sameer Iyer (Brown)
Steady Prandtl Boundary Layers of Navier-Stokes flows over a Rotating Disk
- 6:15 – Pizza

