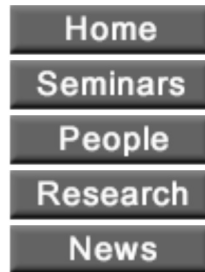


Indiana University Mathematics Department

Midwest PDE Seminar April 7-8, 2001 Indiana University Bloomington, Indiana



Resources For



The [Indiana University Mathematics Department](#) is pleased to host the Spring meeting of the Midwest PDE Seminar. Participants may be interested in arriving in time to hear a colloquium lecture delivered by Chris Jones, Brown University, on Friday, April 6 at 4:00PM in Swain East 140.

Speakers for Midwest PDE Seminar:

All talks will be given in Swain East 140

Saturday, April 7

- 9:00 am - Nader Masmoudi, Courant Institute - "From Nonlinear Klein-Gordon Equation to Schrodinger Equation"
- 10:15 am - Stan Alama, McMaster Univ. - "Minimizers of the Lawrence-Doniach Energy
and the Shape of the Vortex Lattice"
- 11:30 am - Kristen Moore, U. Michigan (Ann Arbor) - "Multiple Periodic Solutions to Suspension Bridge Equations"
- 2:00 pm - Paul Rabinowitz, U. Wisconsin (Madison) - "Transition States for an Allen-Cahn Type Equation"
- 3:15 pm - Jared Bronski, U. Ill (Urbana-Champaign) - "Broad Probability Distributions for Passive Scalar Transport"
- 4:30 pm - Bei Hu, Notre Dame - "Blowup Estimates for Heat Equations on Lipschitz Domains with Boundary Heat Source"

Sunday, April 8

- 9:00 am - S. J. Chapman, Oxford University - "Exponential Asymptotics and Capillary-Gravity Waves"
- 10:15 am - Lihe Wang, U. Iowa (Ames) - "Geometric Approach for Box_b Operators"

Electronic Registration:

If you plan to join us, then please [register electronically](#).

Saturday Evening Dinner, April 7

We will be going to dinner on Saturday evening at a local French restaurant, Le Petit Cafe, at 6:30pm. The menu will include salad, pasta or chicken, vegetable, chocolate mousse and wine at a price of \$16.00 plus tax and tip.

If you are interested in attending, please indicate this on your registration form so that we can get an idea of how many people are going.

Some Musical Events of Interest:

The internationally recognized Indiana University School of Music will present Leonard Bernstein's [Candide](#) on both Friday and Saturday night, April 6 and April 7. Also, the [Bloomington Pops](#) is performing a night of Gershwin on April 7.

Accommodations:

Blocks of rooms have been set aside at

- There are a very small number of rooms available on campus at the [IMU Hotel](#).
Call before March 23 and mention 'Midwest PDE Conference'.
- the Comfort Inn, located approximately 2 miles from Mathematics Department.
Call 812-339-1919 before March 23 and mention 'Math Department at IU' for a rate of at most \$49.95.

Restaurants and Coffee:

The [restaurants](#) near the University serve a wide variety of cuisines including: Afghan, Ethiopian, Indian, Moroccan, Thai, and Tibetan. Many restaurants have fare amenable to [vegetarian](#) diets, and one can find a decent cup of [coffee](#) in town.

How to get here:

- **By plane:** Fly into Indianapolis airport. There are two shuttle services from the airport to Bloomington:
 - [The Bloomington Shuttle](#), \$35 round trip. Drops off at several motels and at the campus Union. Make reservations [online](#) or call 1-800-589-6004.
 - [Classic Touch Limousine](#), \$66 round trip. You request the drop-off location. Make reservations [online](#) or call 1-800-319-0082.
- **By car:**
 - The Mathematics Department is located in Rawles Hall on 3rd Street near the intersection with Woodlawn Avenue. The red star on this [map](#) indicates this intersection. Parking in the Atwater parking garage (1/2 block south of 3rd Street and Woodlawn) is free on the weekend. If you arrive on Friday, get a ticket and come to math department to ask for 1 day permit.

- By way of Indianapolis: Take Indiana 37 south. Exit at the first Bloomington offramp: south on North Walnut Street (Business 37). Southbound lanes become College Avenue. Take left onto 3rd Street. Eastbound lanes become Atwater. Take a left *after* the parking garage, and park there.
- By way of Terre Haute: Take Indiana 46 east to Bloomington. Take right on College Avenue. Take left onto 3rd Street. Eastbound lanes become Atwater. Take a left *after* the parking garage, and park there.
- By way of Louisville: Take Interstate 65 north to Columbus, Indiana. Take Indiana 46 west. In Bloomington, Indiana 46 becomes 3rd Street. Continue on 3rd Street. Dormitories and other campus buildings will appear on right. Take left on Woodlawn Avenue. Take next two lefts, thus rounding the parking garage. Park there.

Support:

There is a limited amount of funds available through the National Science Foundation to provide partial support for graduate students. To apply for support, please contact Peter Sternberg at the email address below.

Contact information:

If you have any questions, please do not hesitate to send e-mail to:

- **Peter Sternberg** sternber@indiana.edu

mathdept@indiana.edu

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