



IPFW DEPARTMENT OF MATHEMATICAL SCIENCES

THIRD ANNUAL
MINI-SYMPOSIUM ON ANALYSIS

FRIDAY, NOVEMBER 8, 2013

9:00. Douglas Hardin, Vanderbilt University

Energy minimization, packing, and lattices: Kissing in eight dimensions

10:10. Debraj Chakrabarti, Central Michigan University

Proper holomorphic maps of product domains

11:00. Natalia Zorii, National Academy of Sciences of Ukraine

Minimum Riesz energy problem for a condenser with touching plates

11:50. Yifei Pan, IPFW

A Schwarz Lemma for harmonic mappings between unit balls

2:00. Jeff Anderson, IPFW

Global solvability for degenerate diffusion models with memory boundary conditions arising in the study of tumor induced angiogenesis

2:30. Ed Saff, Vanderbilt University

Minimal energy and maximal polarization

3:30. Yuan Zhang, IPFW

On the existence of solutions to nonlinear systems of higher order Poisson type

All talks will be in **Kettler 216**.

Local organizers:

Adam Coffman, Peter Dragnev, Yuan Zhang

Schedule and Abstracts on the web:

<http://ipfw.edu/math>

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