



Seminar Series

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Nonlinear Seminars

The regular time and place for this series is **2:50pm** on Tuesday in Room 113 of the Physics Building.

CNCS faculty wishing to reserve a date and/or invite a speaker should contact [Prof. Lawrie Virgin](#)

Fall 2004

August 31,
2004 TBD
Room 113

September 7,
2004 TBD
Room 113

September 14,
2004 Anael Lemaitre
Room 113 "Sum rules for the visco-elastic response of disordered solids at zero temperature"

September 21,
2004 TBD
Room 113

September 28,
2004 TBD
Room 113

October 5,
2004 Tom Witelski

Room 113 ["The coarsening dynamics of dewetting fluid films"](#)

[Psychiatry and
Behavioral Science](#)

[Altavista \(simple\)](#)

- October 12,
2004 Fall Break
- October 19,
2004 Charles Doering, University of Michigan
Room 113 ["High Rayleigh number convection in a fluid saturated porous layer"](#)
- October 26,
2004 Greg Forest, UNC Math
Room 113 ["Hydrodynamics and the isotropic-nematic phase transition: consequences for nano-composite material properties"](#)
- November 2,
2004 Yohannes Shiferaw, UCLA
Room 113 ["Subcellular Turing instability mediated by voltage and calcium diffusion in cardiac cells"](#)
- November 9,
2004 Mike Shearer, NCSU
Room 113 ["Particle-size segregation in granular avalanches"](#)
- November 16,
2004 Martin Bazant, MIT
Room 113 ["Cooperative diffusion in dense granular flow"](#)
- November 30,
2004 Matthias Sperl, Duke University
Room 113 ["Glass Transitions in Colloidal Systems"](#)

Previous CNCS Nonlinear Seminars:

[Spring 2004](#), [Spring 2003](#), [Fall 2002](#), [Spring 2002](#), [Fall 2001](#), [Spring 2001](#), [Fall 2000](#), [Spring 2000](#),
[Fall 1999](#), [Spring 1999](#), [1998](#), [1997](#)

Contact [Lawrie Virgin](#) to make changes or additions to this page.

