



Seminar Series

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[Duke University](#)[Duke Phonebook](#)**Nonlinear Seminars****Current Seminar Schedule****Spring and Summer 2002**

Departments:	Tuesday, Jan. 8, 2002 2:15pm	Open --
Biology	Room 113	TBA
Cell Biology		
Mathematics	Tuesday, Jan. 15 2002 2:15pm	Randy Leveque -- University of Washington
Physics	Room 113	Wave Propagation in Heterogeneous Media
Earth & Ocean Sciences	Wednesday, Jan. 16, 2002 4:00 PM	Mark Raizen -- U. of Texas Austin
Biomedical Engineering	Room 113	Controlling the motion of matter with light <i>Joint with the Physics Department Colloquium</i>
Civil & Environmental Engineering.	Tuesday, Jan. 22, 2002 2:15pm	Weili Luo -- University of Central Florida
Electrical and Computer Engineering.	Room 113	Field-induced spatio-temporal patterns in magnetic fluids
Mechanical Engineering & Materials.Science	Friday, Jan. 25, 2002 3:30 PM	Sarah Tebbens -- U. South Florida
Neurobiology	Room 201 Old Chemistry	Self-organized complexity in the marine sciences <i>Joint with Earth and Ocean Sciences Seminar</i>
Nicholas School of the Environment	Tuesday, Jan. 29, 2002 2:15pm	J. C. (Clint) Sprott -- University of Wisconsin Madison
	Room 113	Simple Chaotic Systems and Circuits

[Psychiatry and Behavioral Science](#)

[Altavista \(simple\)](#)

- Tuesday, Feb. 5, 2002
2:25 pm
Room 113
Stephen Teitsworth -- Duke Physics
[*Dynamics of nonlinear waves in discrete and continuous spatiotemporal systems*](#)
- Tuesday, Feb. 12, 2002
2:15pm
Room 113
Open --
[TBA](#)
- Tuesday, Feb. 19, 2002
2:15 PM
Room 113
Open --
[TBA](#)
- Wednesday, Feb. 20, 2002
4:00 PM
141 Hudson Hall
Amy Shen -- Harvard University,
Division of Engineering & Applied Sciences
[*Dynamics of fiber coating with complex fluids*](#)
- Tuesday, Feb. 26, 2002
2:15pm
Room 113
Wanda Krassowska -- Duke Biomedical Engineering
[*Modeling large electropores for DNA delivery*](#)
- Tuesday, Mar. 5, 2002
2:15pm
Room 113
Open --
[TBA](#)
- Tuesday, Mar. 12, 2002
2:15pm
Room 113
Open -- **SPRING BREAK**
[TBA](#)
- Tuesday, Mar. 19, 2002
2:15pm
Room 113
Open --
[TBA](#)
- Tuesday, Mar. 26, 2002
2:15pm
Room 113
Colin McKinstrie -- Lucent
[*Communication systems based on optical solitons*](#)
- Monday, Apr. 1, 2002
1:00 pm
Room 113
Harry Swinney -- U. Texas at Austin
[*Scaling in Planetary Type Turbulence*](#)
- Tuesday, Apr. 9, 2002
2:15 pm
Room 113
Roman Grigoriev -- Georgia Tech
[*Control of Evaporatively Driven Instabilities of Thin Liquid Films*](#)

- Tuesday, Apr. 16, 2002
2:15pm
Room 113 **Eric Weeks** -- Emory University
[*The Dynamics of the Colloidal Glass Transition*](#)
- Tuesday, Apr. 23, 2002
2:15 pm
Room 113 **Eugene Wayne** -- Boston University
[*Approximating equations for water waves*](#)
- Tuesday, Apr. 30, 2002
2:15pm
Room 113 **Mike Schatz** -- Georgia Tech
[*Pattern Formation Experiments with Controlled Initial Conditions*](#)
- May 2-3, 2002
TBA **Duke CNCS**
Mathematical Modeling in Biology Workshop
- Wednesday, Jun. 12,
2002
11 AM
Room 054 Physics **Ned Wingreen** -- NEC Princeton
[*Designability of Protein Structures*](#)
- Tuesday, Aug. 6, 2002
2:15 PM
Room 113 **Hans Hermann** --

Previous CNCS Nonlinear Seminars:

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

Contact [Dan Gauthier](#) to make changes or additions to this page.