

KAVLI INSTITUTE FOR THEORETICAL PHYSICS

UNIVERSITY OF CALIFORNIA  
SANTA BARBARA, CA 93106 -4030  
<http://www.kitp.ucsb.edu>

TELEPHONE: (805) 893-4111  
TELEFAX: (805) 893-2431  
[sharon@kitp.ucsb.edu](mailto:sharon@kitp.ucsb.edu)

KITP Program of Scientific Activities

Week of February 27 - March 3, 2006

**Tuesday, February 28**

**10:00 a.m. The Supernova Gamma Ray Burst Remnants Program**

Informal Discussion

TBD

KITP Rotunda (Room 2514)

**12:30 p.m. Scanning New Horizons: GR Beyond 4 Dimensions**

Dr. Greg Galloway, University of Miami

*On the Topology of Black Holes in Higher Dimensions*

KITP Auditorium (Room 1403)

**2:00 p.m. Topological Phases and Quantum Computation Program**

Dr. Jan Zaanen, Lorentz Inst., Leiden University

Dr. Sergey Bravyi, IBM Watson Research Center

*Informal Seminar & Discussions*

KITP Auditorium (Room 1403)

**4:00 p.m. Physics Colloquium**

Dr. Chris Quigg, Fermilab

*The Coming Revolutions in Particle Physics*

Broida 1640

805 893-6343

**Wednesday, March 01**

**10:00 a.m. The Supernova Gamma Ray Burst Remnants Program**

Dr. Andrew Levan, Leicester

*Two Progenitor Types for Short Bursts?*

Small Seminar Room

**11:00 a.m. Scanning New Horizons: GR Beyond 4 Dimensions**

Dr. Lars Andersson, University of Miami

Dr. Jim Isenberg, University of Oregon

*Dynamical Horizons*

Main Seminar Room

**11:00 a.m. Topological Phases and Quantum Computation Program**

Dr. Hans Briegel, KITP & University Innsbruck

*Entanglement in Strongly Interacting Systems*

KITP Auditorium (Room 1403)

**Thursday, March 02**

**10:00 a.m. The Supernova Gamma Ray Burst Remnants Program**

Dr. Matthias Rheinhardt, Goettingen

Dr. Ulrich Geppert, MPE

*Stable MHD-Equilibria in Young Neutron Stars - Magnetars or Radio Pulsars*

Small Seminar Room

**2:00 p.m. Topological Phases and Quantum Computation Program**

Dr. Sander Bais, KITP & University Amsterdam

*From Anyons to Algebra's*

Main Seminar Room

**2:00 p.m. High-Energy Physics Seminar**

Dr. Steve Giddings, UCSB

*Observables in Effective Gravity*

Broida 3302

**Friday, March 03**

**4:15 p.m. Graduate Seminar**

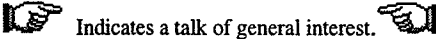
Dr. Jo Incandela, UCSB

TBA

Broida 3302

New Members Expected: Lars Andersson, Dave Bacon, Hans Peter Büchler, Qinghong Cui, Sankar Das Sarma, Paul Fendley, Greg Galloway, David Garfinkle, Eduardo Guendelman, James Isenberg, David Kastor, Rebecca Surman, Jennie Traschen, Massimo Vergassola, Jan von Delft, Kun Yang

Seminar Rooms, Commons Room, and Founders' Room are located on the 1st floor of Kohn Hall. Coffee and cookies are served daily in Kohn Hall Commons Room at 3:15 p.m. except on those Tuesdays when there is a Physics Department Colloquium.



Indicates a talk of general interest.



[sharon@kitp.ucsb.edu](mailto:sharon@kitp.ucsb.edu)