

## GENERAL SEMINAR SCHEDULE

### FALL 2004

**NOTE: All seminars will be held at 3:40 PM in room XXX Nicholson Hall, unless otherwise indicated.**

DATE	TITLE OF TALK	SPEAKER	SPEAKER'S INSTITUTION	HOST
Aug. 19				
Aug. 26				
Sept. 2				
Sept. 9	"Quantum Mechanics with Real Clocks and the Black Hole Information Puzzle"	Prof. Jorge Pullin	LSU Physics & Astronomy	Dr. Juhan Frank
Sept. 16	"Dissipation (Friction) in Quantum Mechanics with Applications"	Prof. Robert F. O'Connell	LSU Physics & Astronomy	Dr. Juhan Frank
Sept. 23	"Physics of Type Ia Supernovae and Cosmology" <u>Abstract</u>	Prof. Peter Hoeflich	University of Texas-Austin	Dr. Brad Schaefer
Sept. 30	"Disorder and High Temperature Superconductivity" <u>Abstract</u>	Prof. Peter Hirschfeld	University of Florida	Dr. Ilya Vekhter
Oct. 7	"Entanglement and Relativity" <u>Abstract</u>	Prof. Paul M. Alsing	University of New Mexico	Dr. Jonathan P. Dowling
Oct. 14	"The Quantum Rosetta Stone: From Interferometry to Computing and Back Again!" <u>Abstract</u>	Prof. Hwang Lee	Jet Propulsion Laboratory Quantum Computing Technologies Group	Dr. Jonathan P. Dowling
Oct. 21	"Improving the LIGO Detector"	Prof. Joseph Giaime	LSU Physics & Astronomy	Dr. Juhan Frank
Oct. 28	"TURNING UP THE HEAT AT ZERO TEMPERATURE: Quantum Phase Transitions and non-Fermi Liquid Behavior" <u>Abstract</u>	Prof. Qimiao Si	Rice University	Dr. John DiTusa
Nov. 4	"Core-collapse Supernovae: Phenomenological Bonanza, Computational Challenge"	Prof. Christian Y. Cardall	University of Tennessee & Oak Ridge National Laboratory	Dr. Luis Lehner
Nov. 11	"TBA"	Prof. Charles Bailyn	Harvard University	Dr. Brad Schaefer

<b>Nov. 18</b>	<b>"TBA"</b>	Prof. Stephen Julian	Cambridge, England & University of Toronto, Canada	Dr. Ilya Vekhter
<b>Nov. 25</b>	<b><i>Thanksgiving Holiday</i></b>			
<b>Dec. 2</b>	<b>"TBA"</b>	Prof. Brad Marston	Brown University	Dr. Ilya Vekhter
<b>Dec. 9</b>	<b>"The Double Pulsar System"</b>	Michael Kramer	Jordell Bank Observatory	Dr. Robert F. O'Connell
<b>Last Update: Thursday, October 21, 2004</b>				