

GENERAL SEMINAR SCHEDULE SPRING 2004

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

DATE	TITLE OF TALK	SPEAKER	SPEAKER'S INSTITUTION	HOST
Jan. 22	"Dirty Bombs: A Discouraging Second Look"	Prof. Peter Zimmerman	Democratic Chief Scientist Senate Foreign Relations Committee	Dr. Ed Zganjar
Jan. 29	"Dark Matter and Dark Energy - Fact or Fantasy?" <u>Abstract</u>	<u>Prof. Philip Mannheim</u>	Department of Physics University of Connecticut	Dr. Brad Schaefer
Feb. 2	SPECIAL SEMINAR E-130 Howe-Russell • 3:40 PM "Neutrino Oscillations with Super-Kamiokande-I" <u>Abstract</u>	Dr. Michael Smy	University of California-Irvine	Dr. Robert Svoboda
Feb. 4	SPECIAL SEMINAR 152 Coates • 3:40 PM "Towards Gravitational Wave Astronomy"	Dr. Frans Pretorius	California Institute of Technology	Dr. Ed Seidel
Feb. 5	"Quantum Liquids in Confinement" <u>Abstract</u>	Prof. Paul Sokol	Pennsylvania State University	Dr. Jorge Pullin
Feb. 9	SPECIAL SEMINAR E-130 Howe-Russell • 3:40 PM "Challenges in Black Hole Evolutions"	Dr. Manuel Tiglio	LSU Physics & Astronomy	Dr. Ed Seidel
Feb. 10	SPECIAL SEMINAR 152 Coates • 3:40 PM "Simulating Space Weather"	Prof. Ramon Lopez	Cook Professor of Physics University of Texas, El Paso	Dr. Jorge Pullin
Feb. 11	CHANCELLOR'S DISTINGUISHED LECTURE SERIES 5:00 PM • 130 Howe-Russell "Strange Views of Space & Time: From Einstein to String Theory" <u>Abstract</u>	Prof. Gary Horowitz	University of California-Santa Barbara	Chancellor Mark Emmert
Feb. 12	CDLS DEPARTMENTAL SEMINAR "The Search for Naked Singularities" <u>Abstract</u>	<u>Prof. Gary Horowitz</u>	University of California-Santa Barbara	Dr. Jorge Pullin
Feb. 16	SPECIAL SEMINAR 273 Nicholson • 2:30 PM "Detection, Reconstruction and Approximate Evolution of Piecewise Smooth Solutions" <u>Abstract</u>	Prof. Eitan Tadmor	University of Maryland Department of Mathematics	Dr. Luis Lehner
Feb. 16	SPECIAL SEMINAR E-130 Howe-Russell • 3:40 PM "Dynamics of Magnetic Storms"	Prof. Niescja Turner	University of Texas, El Paso	Dr. Roger McNeil
Feb. 19				

Feb. 26	CDLS DEPARTMENTAL SEMINAR "The Dark Side of the Universe"	<u>Prof. Bernard Sadoulet</u>	Director Center for Particle Astrophysics University of California-Berkeley	Dr. Robert Svoboda
Feb. 27	CHANCELLOR'S DISTINGUISHED LECTURE SERIES 3:30 PM • 130 Howe-Russell "The Search for Dark Matter" <u>Abstract</u>	Prof. Bernard Sadoulet	Director Center for Particle Astrophysics University of California-Berkeley	Chancellor Mark Emmert
Feb. 27	SPECIAL SEMINAR 152 Coates • 1:30 PM "Mass Loss from Red Giants in 2nd-Parameter Globular Clusters" <u>Abstract</u>	Dr. David Alves	Columbia University	Dr. Geoff Clayton
March 1	SPECIAL SEMINAR E-130 Howe-Russell "A Multiwavelength View of Galactic Black Holes" <u>Abstract</u>	Dr. Robert Hynes	University of Texas-Austin	Dr. Geoff Clayton
March 3	SPECIAL SEMINAR E-130 Howe-Russell "Dust in Galaxies: Ultraviolet through Radio Observations and Models"	Dr. Karl Gordon	Steward Observatory	Dr. Geoff Clayton
March 4	SPECIAL SEMINAR 152 Coates "Long Baseline Neutrino Oscillations" <u>Abstract</u>	Dr. Leon Mualem	University of Minnesota	Dr. Robert Svoboda
March 9	SPECIAL SEMINAR 152 Coates • 3:40 PM "Recent Neutrino and Antineutrino Results from the Sudbury Neutrino Observatory" <u>Abstract</u>	Dr. Thomas Kutter	University of British Columbia	Dr. Robert Svoboda
March 10	SPECIAL SEMINAR E-130 Howe-Russell "Neutrino Physics at MiniBooNE" <u>Abstract</u>	Dr. Eric Hawker	University of Cincinnati	Dr. Robert Svoboda
March 11	"The Real Galileo Affair and Its Effects on Church/Science Relations"	Prof. Guy Consolmagno	Vatican Observatory	Dr. Brad Schaefer
March 11	ASTRONOMY/ASTROPHYSICS SEMINAR 2:10-3:00 PM "The Colors of Kuiper Belt Objects"	Prof. Guy Consolmagno	Vatican Observatory	Dr. Brad Schaefer
March 15	SPECIAL SEMINAR 2:40-4:00 PM • E-130 Howe-Russell "Past, Present, and Future of Solar Neutrino and Dark Matter Experiments" <u>Abstract</u>	Dr. Mark Boulay	Los Alamos National Laboratory	Dr. Robert Svoboda

March 18	"Accretion Disks in Interacting Binary Stars" <u>Abstract</u>	Dr. John K. Cannizzo	NASA Goddard Space Flight Center	Dr. Juhan Frank
March 22	SPECIAL SEMINAR E-130 Howe-Russell "Multiwavelength Accretion Physics and All-Sky Astronomy"	Dr. Peter Wheatley	Leicester University	Dr. Geoff Clayton
March 24	SPECIAL SEMINAR E130 Howe-Russell "The Interaction of Radio Sources and the X-Ray-Emitting ICM in Clusters of Galaxies" <u>Abstract</u>	Dr. Elizabeth Blanton	University of Virginia	Dr. Geoff Clayton
March 25	"Hydrogen Bonding in Water" <u>Abstract</u>	Prof. Bin Chen	Dept. of Chemistry Louisiana State University	Dr. Juhan Frank
March 26	MEDICAL PHYSICS SEMINAR 12:40-1:30 PM • 118 Nuclear Science Center "Noble Gas Radiation Detectors for Medical Imaging and Nuclear Security"	Dr. Alexander Bolozdynya	Constellation Technologies, Florida	Dr. Kenneth Matthews
March 29	APPLIED PHYSICS SEMINAR 3:40 PM • 253 Nicholson Hall "Recently Funded NSF EPSCoRE Center on Nanomaterials"	Dr. Robin McCarley	Dept. of Chemistry Louisiana State University	Dr. John DiTusa
March 30	APPLIED PHYSICS SEMINAR 3:40 PM • 253 Nicholson Hall "Electrodeposition of Nanostructured Materials"	Dr. Lisa Podlaha	Dept. of Chemical Engineering Louisiana State University	Dr. Kenneth Matthews
April 1	"Spin Precession Effects in General Relativity and their Possible Detection in the Double Pulsar Binary JO737-3039A /B" <u>Abstract</u>	Robert F. O'Connell, Boyd Professor	LSU Physics & Astronomy	Dr. Juhan Frank
April 8				
April 15	"Supersymmetry in Quantum Mechanics"	Prof. Ravi Rau	LSU Physics & Astronomy	Dr. Juhan Frank
April 22	"The Physics of Intensity-Modulated Radiotherapy"	Prof. Thomas Rockwell Mackie	University of Wisconsin Medical Physics and Human Oncology	Dr. Erno Sajo
April 29	"TBA"	Prof. Matias Zaldarriaga	Harvard University	Dr. Jorge Pullin
May 6	"TBA"	Prof. Peter Littlewood	Cavendish Laboratory Cambridge University	Dr. Ilya Vekhter
May 13				
May 20				
Last Update: Wednesday, March 24, 2004				