FALL 2005 SCHEDULE OF COLLOQUIA
UNIVERSITY OF MARYLAND DEPARTMENT OF PHYSICS

09/06/05 Sankar Das Sarma, University of Maryland
Tidbits About Qubits: Spin Computation in Nanostructures

09/13/05 Wolfgang Losert, University of Maryland
Physics of Cell Motility

09/20/05 Richard Ellis, University of Maryland
Supersonically Rotating Plasmas for Magnetic Fusion Energy

09/27/05 Sheldon Glashow, Harvard University*
The Particle and the Universe

10/04/05 Zheng-Tian Lu, Argonne National Laboratory
Atom Trap, Krypton-81, and Saharan Water

10/11/05 Thomas Cohen, University of Maryland
How the Hedgehog was Harried and Other Fables From the Land of Pentaquarks

10/18/05 Daniel Lathrop, University of Maryland
Laboratory Models of Geophysical and Astrophysical Flows

10/25/05 Gregory Sullivan, University of Maryland
A New Window on the Universe: Neutrino Astronomy at the South Pole

11/01/05 Howard Milchberg, University of Maryland
Big Science (In a Small Room) With Extremely Intense Lasers

11/08/05 David Corey, Massachusetts Institute of Technology
TBD

11/15/05 Gianni Fiorentini, University of Ferrara
Geo-Neutrinos: A New Probe of the Earth’s Interior

11/22/05 J.C. Seamus Davis, Cornell University
Atomic-Resolution “Mottness Mapping” in Lightly Hole-Doped Cuprates

11/29/05 Ian Shipsey, Purdue University
Cochlear Implants: A Technical and Personal Account

12/06/05 Michael Naughton, Boston College
Physics of Molecular Organic Conductors

ALL COLLOQUIA ARE FREE OF CHARGE AND ARE HELD IN THE PHYSICS LECTURE HALL (1410 PHYSICS BLDG.) AT 4:00 PM ON TUESDAYS, UNLESS OTHERWISE INDICATED.

Colloquia are preceded by refreshments at the same location, beginning at 3:30 PM. Both events are open to the public. There is a modest charge for refreshments.

Parking is available in Parking Garage 2 (PG2), across the street from the Physics Lecture Hall. An attendant will give you a parking permit at the garage. For further information, please call the Physics Department at 301.405.3401 or visit:

www.physics.umd.edu/events/colloquia

* The colloquium given by Dr. Glashow is part of the University of Maryland’s celebration of the World Year of Physics, the centennial anniversary of Einstein’s magical year. For more information about special events for this celebration, please visit:

www.physics.umd.edu/Physics2005