SU PHYSICS DECEMBER 2010 NEWS

Invited presentations by faculty:

- **Simon Catterall**: invited speaker at the international meeting *Miami 2010 - conference on particle physics, cosmology and astrophysics* (December 14-19, 2010).
- **Cristina Marchetti**: invited talk at the *104th Statistical Mechanics Conference*, Rutgers University (December 19-21, 2010).
- **Alan Middleton**: invited talk, *104th Statistical Mechanics Conference*, Rutgers University, New Brunswick, NJ (December 19, 2010).
- **Liviu Movileanu**:
  - invited seminar, Biological Physics Workshop, The University of Wisconsin at Milwaukee, Department of Physics, Milwaukee, Wisconsin (December 27, 2010).
  - invited seminar, Institute of Natural Sciences, and Department of Physics, Shanghai Jiao Tong University, Shanghai, China (December 8, 2010).
- **Jennifer Schwarz**:
  - seminars at UC-Davis (mathematical biology), RPI (physics), Brown University (condensed matter and biological physics).
  - co-led a panel discussion on the NSF CAREER Award for SU’s Women in Science and Engineering Program.
- **Tomasz Skwarnicki**: invited talk, “LHCb Upgrade” at *Symposium on Prospects in the Physics of Discrete Symmetries*, Rome, Italy (December 6-11, 2010).
- **Mitchell Soderberg**: invited talk “Liquid Argon Projects in the U.S.” at the *11th International Workshop on Next generation Nucleon Decay and Neutrino Detectors*, Toyama, Japan (December 15, 2010).
- **Kameshwar Wali**: talk, “The Legacy of S. Chandrasekhar (1910-1995)” relating to the *Chandra Centennial Celebration*.
  - Center of Theoretical Physics, Jamia Millia Islamia University in New Delhi, India.
  - Chandrasekhar Centenary Conference at Indian Institute of Astrophysics, Bangalore, India (December 7-11, 2010).
  - Inter-University Center for Astronomy and Astrophysics (Iucaa), Pune, India.
- published a featured article “A Biographical Portrait of S. Chandrasekhar”, December special issue of *Physics Today*.

- **Scott Watson**: seminar, “An Effective Field Theory Approach to Cosmology” Carnegie Melon University (invited guest).

### New Grants and Awards:
- **Matt LaHaye**: NSF CAREER award. “Probing Quantum Behavior in Coupled Nanomechanical Systems, $600,000 for five years beginning May 15, 2011.

### Participation in Advisory and Review Boards:
- **Jennifer Schwarz**: served on review panel for NSF’s *CBET-Particulate and Multiphase Processes*.
- **Sheldon Stone**: attended a US LHC Executive committee meeting (December 17, 2010)

### Other:
- **Marina Artuso** was appointed as Paid CERN Scientific Associate for the period 1 June 2011 to 31 May 2012.
- **Sheldon Stone** was appointed as Paid CERN Scientific Associate for the period 1 June 2011 to 31 May 2012.

### Special Events:
- **Cristina Marchetti**: speaker at the SBI Opening and Open House (December 3, 2010).