SU PHYSICS NEWS – MAY 2012

Presentations by faculty:

- **Marina Artuso**: part of the Organizing Committee of *WIT2012 workshop on intelligent trackers* and gave talk “Trigger and Data Acquisition Strategy for the LHCb Upgrade”, Pisa, May 3-5, 2012).


- **Simon Catterall**:
  - talk, “Physics Beyond the Standard Model” at the USQCD meeting, Fermilab (May 4, 2012).

- **Peter Couvares**: presentation (with SU Associate CIO Eric Sedore) at *Condor Week 2012* in Madison, WI about the new SU campus research computing grid, and work by the SU Gravitational Wave Group to harness it (May 2, 2012).

- **Cristina Marchetti**:
  - invited seminar at the James Frank Institute, University of Chicago (May 2, 2012).

- **Tomasz Skwarnicki**:
  - lecture on “Searching for Beyond Standard Model physics in heavy flavor loop decays at LHCb” at *52nd Cracow School of Theoretical Physics: Astroparticle Physics in the LHC Era*, Zakopane, Poland (May 19 – 27, 2012).
  - talk, “Exotic meson studies at LHCb” at *12th International Workshop on Meson Production, Properties and Interaction*, Krakow, Poland (May 31- June 5, 2012).


• **Scott Watson:**
  o invited participant: *Branes and Blackholes Workshop*, King’s College London, (May 28-June 2, 2012).
  o invited participant: Cosmology Meeting, Nikhef Institute, Amsterdam (May 10-12, 2012).
  o Long-term visitor: DAMTP, Cambridge University, UK.

**Presentations by emeritus faculty:**

• **Rafael Sorkin:**

**Presentations by Research Faculty, Postdocs and Students:**


• **Silke Henkes:**


**New Grants and Awards:**
- **Eric Schiff**: awarded $120,215 by First Solar, Inc., for a project called “CdTe Transport Measurement.”
- **Richard Schnee**: project “Reduction of Backgrounds for WIMP Dark Matter”, was approved by the National Science Foundation, for a total of $489,000 over three years.

**Participation in Advisory and Review Boards:**
- **Kenneth Foster**: served on a grant proposal review panel at NSF on *Particulate and Multiphase Processes in Division of Chemical, Bioengineering, Environmental and Transport Systems*, (May 4, 2012).
- **Cristina Marchetti**: served as judge for the 2012 Blavatnik Awards of the New York Academy of Science.
- **Britton Plourde**: participant in the *IARPA Multi-Qubit Coherent Operations (MQCO)* annual funding review meeting in Minneapolis, MN (May 23-25, 2012).

**Other:**
- **Steve Blusk**: CKM Session co-organizer and convener for *Conference on the Intersection of Particle and Nuclear Physics*, St. Petersburg FL. (May 29-June 3, 2012).
- **Josh Goldberg and Cristina Marchetti**: co-hosted Joel Lebowitz, the George William Hill Professor of Mathematics and Physics at Rutgers University and a Syracuse alumnus, who received a Doctorate of Science Honoris Causa at the 2012 Commencement.
- **Cristina Marchetti and Erin Stebbins** participated in the 2012 IGERT PI Meeting in Washington, DC (May 30-June 2, 2012).
- **The SU Gravitational Wave Group** hosted the semi-annual meeting of the LIGO Data Analysis Software Working group, consisting of 20 data analysts and computing specialists from LIGO Scientific Collaboration institutions (May 16-18, 2012).
- **Sheldon Stone**:
  - attended the awards ceremony of the Wolf Prizes as a member of the physics prize selection committee, Knesset, Jerusalem, Israel (May 13, 2012).
  - refereed the thesis of Angelo Di Canto, Univ. of Pisa, entitled “Measurement of CP-violating Asymmetries in the $D^0 \to \pi^+ \pi^-$ and $D^0 \to K^+ K^-$ Decays at CDF” (Supervisor: Giovanni Punzi).