SU PHYSICS NEWS – APRIL 2014

Presentations by Faculty:

Simon Catterall:
- seminar, “Exact Lattice Supersymmetry: N=4 Yang-Mills”, Purdue University (April 8, 2014).


M. Cristina Marchetti:


Richard Schnee gave the Syracuse University Project Advance (SUPA) lecture to high school physics teachers, “What’s the matter in the Universe?” Syracuse, NY (April 7, 2014).


Sheldon Stone:
- invited plenary talk, “Weak Decays as a Window to New Physics” at the American Physical Society meeting in Savannah, GA (April 8, 2014).
- talk at LHCb, “Method of Studying Lambda_b decays with one missing particle”, Physics Performance meeting; also submitted as a preprint to arXiv:1402.4205 (April 14, 2014).

Scott Watson:

Presentations by Emeritus Faculty:

Rafael Sorkin:
- seminar, “How should we ask the Lambda question(s)?” Imperial College, London (April 29, 2014).
- keynote lecture, “How should we ask the Lambda question(s)?” Workshop on Lambda and Quasi-Lambda, Amherst Center for
Presentations by Research Faculty, Postdocs and Students:


Yu Chen (graduate student in Schnee group): talk at the American Physical Society meeting, “SuperCDMS SNOLAB Experiment and Active Neutron Veto”, Savannah, GA (April 6, 2014).


New Grants and Awards:

Mitch Soderberg has been awarded an NSF research grant for his proposal titled “Neutrino Physics with Liquid Argon Detectors: Entering the MicroBooNE Era”.

Participation in Advisory and Review Boards:

Liviu Movileanu has served as Grant Reviewer for the Belgian Research Council, Brussels, Belgium (April 2014).

Other:

Mark Bowick was co-organizer of 7th FAPERJ School: The dynamics and assembly of soft structures, Rio de Janeiro, Brazil and also lectured on “Introduction to Topological Defects” (April 20-26, 2014).

Qi Long (graduate student), Steluta Dinca (postdoc, Chemistry), Dan Goldman (undergraduate), and Eric Schiff were co-authors of a contributed talk, “Drift mobility measurements in thin film CdTe solar cells” at the Spring 2014 Meeting of the Materials Research Society in San Francisco (April 23, 2014).

Additional March News:


Cristina Marchetti:

- invited talk “Defect Dynamics in Active Nematics” at the 2014 March Meeting of the American Physical Society (March 6, 2014).
- invited presentation on ‘Defect Dynamics in Active Nematics’ at the KITP Program: Active Matter: Cytoskeleton, Cells, Tissues and Flocks at UCSB (March 20, 2014).

Jennifer Schwarz: invited talk “Modeling cell migration on filamentous tracks in 3D” at the 2014 March Meeting of the American Physical Society (March 5, 2014).

Tomas Skwarnicki: a radio piece put together Rick Pantaleoby of Voice of America was produced and aired on the 4/18, 4/19 edition of VOA’s Science World. Along with being broadcast on VOA’s worldwide radio network throughout the weekend, the program was streamed online a little after 12:00A 4/19/14. The program audio: [http://www.voa news.com/externalaudio-FLRM/Audio/400127.html](http://www.voa news.com/externalaudioFLRM/Audio/400127.html) (LINK). The interview piece starts around the 17 or 18 minute mark. Other links to program audio such as podcastscan be found at [http://blogs.voa news.com/science-world](http://blogs.voa news.com/science-world) (web page). The show will also be available on Soundcloud and iTunes.

Samantha Usman and Joelynn Frascatore (undergraduates) were inducted into Phi Beta Kappa. Also, Samantha, who works with Duncan Brown, was an honorable mention for the Goldwater award. Read more about it in this news story…