



SYRACUSE UNIVERSITY

The College of Arts and Sciences

Department of Physics

SU PHYSICS NEWS – JANUARY 2012

Presentations by faculty:

- **Mark Bowick:** invited talk “Defect-Driven Structures for Self-Assembly” at *SPIE 2012 Photonics West*, San Francisco (January 24, 2012).
- **Jay Hubisz:**
 - invited speaker, “Light Higgs Implications for the Search for New Physics at the LHC”, *Searching for signals of light Higgs compositeness* at University of Pittsburgh rapid response workshop: January 14, 2012).
 - invited speaker, “Searching for signals of non-standard Higgs”, *CMS mini workshop*, Cornell University (January 19, 2012).
- **Lisa Manning:** talk, “Emergent Mechanical Behavior in a Minimal Model for Embryonic Tissues” at a workshop on *Growth and Form: Pattern Formation in Biology*, Aspen Center for Physics (January 3, 2012).
- **M. Cristina Marchetti:** co-organizer (with Sue Coppersmith, University of Wisconsin-Madison, and Clare Yu, UC Irvine) of the 2012 *Aspen Winter Conference on Growth and Form: Pattern Formation in Biology*, held at the Aspen Center for Physics, Aspen, CO (January 2 - 7, 2012).
- **Eric Schiff:** invited workshop participant at Stanford University for the Bay Area Photovoltaic Consortium (January 12-13, 2012).
- **Tomasz Skwarnicki:** conference talk, “LHCb: recent results and future prospects” at *WHEPP-XII*, Mahabaleswar, India (January 2 - 15, 2012).

New Grants and Awards:

- Richard Schnee: new research grant (from the National Science Foundation via the University of California, Berkeley.) The project, “SuperCDMS Operation at Soudan”, is in the amount of amount of \$46,516 for one year.

Participation in Advisory and Review Boards:

- **Ken Foster:** NSF panel reviewer Jan 26-27th 2012 NSF, Physics Division, “Physics of Living Systems”.

Outreach:

- **Matt LaHaye:** served as a judge for the Science Olympiad Mid-State Regionals on Saturday January 21st, held at LeMoyne College.

Other:

- **Duncan Brown:** invited to visit Albert Einstein Institute, University of Hannover, Germany (January 9-14, 2012).
- **Liviu Movileanu:** invited to serve as a member of the Organizing Committee of the *International Conference and Expo on Material Science & Engineering, Material Science – 2012*, The OMICS Group Conferences, 22-24 October, 2012, Chicago.