

Presentations by Faculty:


Martin B. Forstner: invited talk on “The role of Ca²⁺ in the organization of lipid membranes” at the international Workshop on Biomembranes “From Fundamentals to Applications” in Helsinki, Finland (August 19-22, 2014.)

Cristina Marchetti was an invited lecturer at the Pan-American Advanced Study Institute (PASI) on Frontiers in Particulate Media: From Fundamentals to Applications held in La Plata, Argentina, August 11-22, 2014. She delivered her lectures remotely using video conferencing

Alan Middleton: invited presentation titled “What can we learn from ‘easy’ questions about complex Hamiltonians?” at the Workshop on Classical and Quantum Optimization at ETH Zurich (August 20, 2014).

Sheldon Stone: presented two lectures on “Heavy flavor,” on August 18 and 19 and a special lecture on “Discovery: Bs→μ+μ-” on August 20, 2014 at HCPSS 2014, Hadron Collider Physics Summer School, Fermilab, Batavia, IL.

Presentations by Research Faculty, Postdocs, and Students:


Ogan Ozsoy (graduate student): talk, “Towards a post-inflationary Universe” at the International Center for Theoretical Physics (ICTP) in Trieste, Italy (August 11 2014).

Two members of the Plourde research group attended the Applied Superconductivity Conference in Charlotte, NC --

- Daniela Bogorin (postdoc): gave a talk “Materials and design considerations for transmon qubits in 3D copper cavities with superconducting coatings” (August 12, 2014).

New Grants and Awards:

The National Science Foundation has awarded a new grant to Prof. Mark Bowick. The award is for a project titled “Graphene Based Origami and Krigami Metamaterials” and is in the amount of $300,000 over four years. This is a collaborative grant with parallel awards at Cornell and Harvard totaling another $1.3M. These awards will support the study of cutting and folding single layers of carbon to construct meta-materials with designed mechanical and thermal properties.

Participation in Advisory and Review Boards:


Tomasz Skwarnicki: served on NSF/DOE Open Science Grid Mid-Project Review panel which took place in Washington, DC (August 19-20, 2014).

Other:

Additional News for July:

Sam Sampere (Instructor): gave a 2 full day workshop at the AAPT National Summer Meeting titled Physics Lecture Demonstrations I and II (July 26 – 27, 2014).

Scott Watson:
- visitor, DAMTP, University of Cambridge (whole month).
- attended Inflation Probe Science Interest Group (IPSIG) / NASA meeting to help establish future directions for NASA's Theoretical and Observational Cosmology Program.