

Boston University's 2009 SPS Zone 1 Meeting

Schedule of Events:

* All Friday events will take place in the Science Fare. All Saturday events will take place in the Life Science Auditorium unless otherwise indicated. The Science Fare is in the Science building, down the stairs.

Friday, March 27

- 6:00 PM **Registration and Welcome Reception**
- 6:30 PM **Welcome**
Claire Thomas, Ryan Eriksen, Jessica Leach, Brian Henning
SPS president and officers, *Boston University*
- 7:00 PM **Pizza Dinner and Physics Games**
We will finish around 9 PM.

Saturday, March 28

- 8:45 AM **Breakfast and Continued Registration**
- 9:15 AM **Welcome Address**
Professor Claudio Rebbi, Physics Chairman, *Boston University*
- 9:30 AM **The Electrodynamics of Metamaterials: The Role of Anisotropy**
Professor Rick Averitt, *Boston University*
- 10:30 AM **Career Panel**
Terry Russell, CEO, *Makoto Life Sciences*
Bill Herzog, Laser Technology and Applications, *Lincoln Labs*
Tulika Bose, Professor and particle physicist, *Boston University*
Tom Olsen, Education division, *American Institute of Physics*
- 11:45 AM **Lunch with Graduate Students and Faculty**
Location: Science Fare
- 12:45 PM **Student Research Talks**
* Student talks will be strictly limited to 10 minutes, after which there will be 2 minutes for questions.
1. *Monte Carlo Simulations of a 111-Ising Dipolar Model on the Hyper-Kagomé Lattice*, Patrick Carter, *Connecticut State University*
 2. *Exploring Strain Induced Superconductivity in Diamond Nanoresonators*, Adam Patch, *Boston University*
 3. *Dinucleon Decay into Leptonic Modes at the Super-Kamiokande Detector*, Brian Henning, *Boston University*
 4. *Exploring Grain Alignment Mechanisms in Giant Molecular Clouds using GPIPS*, Katie Jameson, *Boston University*
 5. *Surface Absorption of Polymers*, Jessica Leach, *Boston University*
 6. *Studying the Physical Behavior of the Capillary Plasma Electrode (CPE) discharge*, David Jacome, *Saint Peter's College*

- 2:00 PM **Break**
- 2:15 PM **Underground Physics**
Professor Ed Kearns, *Boston University*
- 3:15 PM **Poster Session**
Location: Science Fare
- 4:00 PM **Graduate Student Panel**
Graduate students will discuss and be open for questions about grad life and applying to graduate school.
- 5:00 PM **Closing Remarks and Post-Conference Survey**