

2011 SPRING MEETING AT UNIVERSITY OF THE SCIENCES

The 2011 Spring meeting was held at University of the Sciences in Philadelphia, on Friday and Saturday, April 1 and 2.

These are the papers presented at the contributed session:

- "Towards nanotechnology: Why cell phones are getting smaller." A. Tabor-Morris, Department of Physics, Georgian Court University, Lakewood, NJ
- "Innovations in Nanotechnology for High School Science Teachers." Barry Stein, Senior Consultant, Nanotechnology; James Murray, Chairperson, Department of Chemistry, Immaculata University and Principal Investigator, Nanotechnology
- "Digital Microfluidics" Nathaniel Thorne, Meghan Baker, Audrey Mazza, Laura Pontiggia, Sergio L.S. Friere, Melissa Lamberto, Department of Mathematics, Physics and Statistics, Department of Humanities, Department of Biology, University of Sciences, PA
- "Synthesis of Large-area processable graphene and graphene oxide," Zhengtang Luo, Department of Physics and Astronomy, University of PA
- "Tunable cw ring based on a tapered semiconductor amplifier," M. Yanakas, A. Vivona, MJ. Lim, Department of Physics and Astronomy, Rowan University
- "Demonstrations of the Conservation of Momentum with the Gaussian Gun," Robert Schwartz, Harriton High School, PA
- "The retarding force on a fan-cart reversing direction," Tarlok S. Aurora and Bernard J Brunner, Department Of mathematics, Physics and Statistics, University of Sciences, PA
- "Interference Demonstration," Tom Gordon and Liz Chesick
- "Physics Demonstration," Jeff Wetherhold, Parkland High School