

2014 FIU Department of Physics Seminars

Lux et Lex: Optical Traps for β decay studies

Dr. Guy Ron, Racah Institute of Physics, Hebrew University of Jerusalem

Jan. 17, 2014

Breaking Barriers in “Understanding the Mind”

Dr. Sakhrat Khizroev, Director, Center for Personalized Nanomedicine lab, Florida International University

Jan. 31, 2014

Spin-selective Charge Recombination Dynamics in Organic Materials

Dr. Amy M. Scott, Assistant Professor of Chemistry, Department of Chemistry, University of Miami

Feb. 7, 2014

Experiments with an ultracold Fermi gas -new prospective of tackling old condensed matter problems

Dr. Yoav Sagi, Postdoctoral Research Associate JILA, University of Colorado and National Institute of Standards and Technology

Feb. 14, 2014

Heavy Gauge Boson Measurements in pp Collisions at 7 and 8 TeV Energies with the CMS Experiment

Dr. Dimitri Bourilkov, University of Florida, Gainesville

Feb. 21, 2014

Doing Science with the Titan Supercomputer

Fernanda Foertter, Training Coordinator and HPC User Assistance Specialist, Oak Ridge Leadership Computing Facility

March 7, 2014

Scalable laser nano-engineered thin film processing

Professor Gary Cheng is an Associate Professor at School of Industrial Engineering and School of Mechanical Engineering, Purdue University.

March 21, 2014

Exploring Doctoral Admissions Practices in Physics

Dr. Geoff Potvin, Assistant Professor, STEM Transformation Institute, Florida International University

March 28, 2014

Gradients of Transmembrane Voltage Potential Across Tissues Control Anatomy

Dr. Vaibhav P. Pai, Center for Regenerative and Developmental Biology, Tufts University

April 4, 2014

A Time-traveller's Guide to Protein Space

Dr. Jessica Liberles, Assistant Professor, Department of Biological Science, Florida International University

April 11, 2014

Solution processed solar cell as an emerging solar energy conversion technique

Dr. Mengjin Yang, Department of Physics, Florida International University

April 18, 2014

Mixed-Valent Octanuclear Iron Oxide Complexes and a Fresh Look at the "Verwey Transition"

Dr. Raphael Raptis, Department of Chemistry and biochemistry, Florida International University

Aug. 29, 2014

Mediator All-Solid-State Supercapacitor and Self-sustained Electrochemical Catalysts

Dr. Xiangyang Zhou, Department of Mechanical and Aerospace Engineering, University of Miami

Sept. 12, 2014

TBA

Dr. Nils Diaz

Sept. 19, 2014

Magnetic Resonance in Psychiatry

Dr. Alayar Kangarlu, Department of Psychiatry, Columbia University and New York State Psychiatric Institute

Sept. 26, 2014

Dynamics of Molecular Transformers in Silico

Dr. Prem Chapagain, Physics Department, FIU

Oct. 24, 2014

Understanding Complex Systems: Network and Dynamics

Dr. Chaoming Song, Department of Physics, Miami University

Oct. 31, 2014

Stochastic optical beams: from mathematical modeling to applications

Dr. Olga Korotkova, Physics Department, University of Miami

Nov. 7, 2014

Do Ideas, Products, Messages, and Behaviors Really Spread Just Like Viruses?

Dr. Julia Poncela-Casasnovas, Departament d'Enginyeria Informàtica i Matemàtiques (Computer Science & Mathematics), Universitat Rovira i Virgili (Spain)

Nov. 14, 2014

C-MEMS/NEMS for Energy Storage and Biosensing Applications

Dr. Chunlei (Peggy) Wang, Mechanical and Materials Engineering, FIU

Nov. 21, 2014

The Higgs (Amplitude) Mode in Ferromagnetic Metals

Dr. Kevin Bedell, John H. Rourke Professor of Physics, Physics Department, Boston College

Dec. 5, 2014