

SAINT JOSEPH'S UNIVERSITY
DEPARTMENT OF PHYSICS
Physics Seminar - PHY 390
Spring 2016

Coordinator: Dr. Piotr Habdas

Wednesdays 3:35-4:25 pm in SC314A unless otherwise noted

Date	Topic/Speaker
20 Jan.	Opening seminar
27 Jan.	“Strongly Correlated Materials: Computation and Experiments” Dr. Neel Haldolaarachchige Department of Physics Princeton University
3 Feb.	McGRODDY FRONTIERS IN SCIENCE SEMINAR SERIES (PHYSICS) “Biophotonics with Diffusing Light” Prof. Arjun Yodh Department of Physics & Astronomy University of Pennsylvania *in SC300
10 Feb.	“Protein synthesis as a molecular nexus for sleep, memory, and autism” Dr. Jennifer Choi Tudor Department of Biology University of Pennsylvania * in SC200 – joint seminar with the Biology Department
17 Feb.	Society of Physics Students meeting
24 Feb.	“The RC Circuit: Fundamental Building Block of Neuronal Membranes” Dr. James Watrous Biology Department Saint Joseph's University
2 Mar.	“Probing Dynamical Heterogeneity in Dense Colloidal Suspensions with Depletion Attraction” Zachery Brown ‘17
9 Mar.	No seminar – Spring Break
16 Mar.	No seminar – APS March Meeting
23 Mar.	“Raspberry Pi - The Poor Person's Laboratory Data System” Dr. Stephen Loughin Senior Systems Architect WAM Systems / Triple Point Technology, Inc.
30 Mar.	“Elucidation of Insulin Assembly Pathways Using Biophysical Methods” Matthew Mawhinney ‘11 Department of Physics Drexel University

- 6 Apr. **McGRODDY FRONTIERS IN SCIENCE SEMINAR SERIES (BIOLOGY)**
“With a little help from friends: combining biology and engineering to understand how termites digest wood”
Prof. Daniel J. Gage
Department of Molecular and Cell Biology
University of Connecticut
*in SC200
- 13 Apr. “Quantum Chemical Modeling of the Charged States of Zn(II) Porphyrin Arrays”
Isabella Goodenough ‘16
*in SC300
- 20 Apr. No seminar
- 27 Apr. Closing seminar