

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

Coordinator: Dr. Piotr Haldas

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

Date	Topic/Speaker
31 Aug.	Opening Ceremony
7 Sept.	Society of Physics Students meeting
14 Sept.	No seminar – John P. McNulty Scholars Program 8 th Annual Welcome Reception
21 Sept.	MCGRODDY FRONTIERS IN SCIENCE SEMINAR SERIES (PHYSICS) “What can physics tell us about sickle cell disease? (surprisingly, a lot)” Prof. Frank Ferrone Department of Physics Drexel University * in SC 300
28 Sept.	“Entangled Granular Materials” Dr. Scott Franklin Department of Physics Rochester Institute of Technology
5 Oct.	Michael Jenkins ‘19 – “Using neural networks for particle tracking”
12 Oct.	No seminar
19 Oct.	Zachery Brown ‘17 – “Active microrheology of dilute suspensions”
26 Oct.	THE ANNUAL MCNULTY LECTURE “Four billion times around the sun: Biophotonics and the evolution of optical soft matter” Dr. Alison Sweeney Department of Physics & Astronomy University of Pennsylvania * in SC 300
2 Nov.	No seminar
9 Nov.	MCGRODDY FRONTIERS IN SCIENCE SEMINAR SERIES (CHEMISTRY) “Tweaking microbes for industrial synthesis of small molecules” Dr. Sharon L. Haynie DuPont Industrial Bioscience Technology Division * in SC 400
16 Nov.	“The non-equilibrium stress in hydrodynamically interacting colloids via active microrheology” Henry C.V. Chu Sibley School of Mechanical and Aerospace Engineering Cornell University
23 Nov.	No seminar – Thanksgiving
30 Nov.	“Nuclear energy – science and career paths” Nora Embert Operations Engineer U.S. Nuclear Regulatory Commission
7 Dec.	Closing Ceremony