



saturday morning PHYSICS

Winter Session

Lecture and Tour Schedule

Feb 2 – Apr 13, 2019

Classes meet in Wilson Hall - One West

Lectures begin at 9:00 a.m. – ¹Tours are from 11 am - 12 pm

***Feb 9th class being held at IARC Building on Batavia Rd**

****March 16 class being held at IARC Building on Batavia Rd**

Dates	Topic/Lecture	Teacher	Tours Groups
Feb 2	Quantum Mechanics	Dan Hooper <i>Fermilab Particle Physics Division</i>	Groups 1 & 3 – Wilson Hall 15 th Floor Groups 2 & 4 – Accelerator
*Feb 9	Special Relativity	Elliott McCrory <i>Fermilab Accelerator Division</i>	Groups 1 & 3 – Accelerator Groups 2 & 4 – Wilson Hall 15 th Flr
Feb 16	Introduction to Science at Fermilab	Pedro Machado <i>Fermilab Particle Physics Division</i>	Group 1 – Booster & MI Group 2 – Neutrino Group 3 – Muon Campus Group 4 – SiDet
Feb 23	The Standard Model of Particle Physics	Cecilia Gerber <i>University of Illinois-Chicago</i>	Group 1 – SiDet Group 2 – Booster & MI Group 3 – Neutrino Group 4 – Muon Campus
Mar 2	Antimatter, Symmetry and Supersymmetry	Javier Duarte <i>Fermilab Particle Physics Division</i>	Group 1 – Muon Campus Group 2 – SiDet Group 3 – Booster & MI Group 4 – Neutrino
Mar 9	Neutrinos	Leo Aliaga <i>Fermilab Scientific Computing Division</i>	Group 1 – Neutrino Group 2 – Muon Campus Group 3 – SiDet Group 4 – Booster & MI
**Mar 16	Particle Accelerators	Cindy Joe <i>Fermilab Neutrino Division</i>	Group 1 – SRF Group 2 – Magnets Group 3 – DZero Group 4 – GCC
Mar 23	Energy and Climate	Erik Ramberg & Brian Chase <i>Fermilab Particle Physics & Accelerator Divs</i>	Group 1 – GCC Group 2 – SRF Group 3 – Magnets Group 4 – DZero
Mar 30	Cosmology	Ting Li <i>Fermilab Particle Physics Division</i>	Group 1 – DZero Group 2 – GCC Group 3 – SRF Group 4 – Magnets
Apr 6	Particle Detectors	Mandy Rominsky <i>Fermilab Particle Physics Division</i>	Group 1 – Magnets Group 2 – DZero Group 3 – GCC Group 4 – SRF
Apr 13	Physics and Society	TBD <i>Fermilab Directors Office</i>	Graduation Day - No tours

¹ The DZero tour lasts a longer than the other tours.

Students should expect to be back at Wilson Hall by about 12:30 pm.

Please consider your safety before attempting to come to class due to inclement weather.

<http://saturdaymorningphysics.fnal.gov>

Registration Contact: rosa@fnal.gov

Last revision: Feb 26, 2019