



saturday morning PHYSICS

Session Two

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

| Dates | Topic/Lecture | Teacher | Tours Groups |
|--------|--|--|---|
| Feb 2 | Introduction to Science at Fermilab | Pedro Machado <i>Fermilab</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 Floor |
| Feb 16 | Quantum Mechanics | Ting Li <i>Fermilab Particle Physics Division</i> | TBD |
| Feb 23 | Antimatter, Symmetry and Supersymmetry | Javier Duarte <i>Fermilab</i> | TBD |
| Mar 2 | The Standard Model of Particle Physics | Cecilia Gerber <i>University of Illinois-Chicago</i> | TBD |
| Mar 9 | Neutrinos | Leonidas Aliaga <i>Fermilab Scientific Computing Division</i> | TBD |
| Mar 16 | Particle Accelerators | Cindy Joe <i>Fermilab Neutrino Division</i> | TBD |
| Mar 23 | Energy and Climate | Elisabeth Moyer <i>University of Chicago</i> | TBD |
| Mar 30 | Cosmology | Ting Li <i>Fermilab Particle Physics Division</i> | TBD |
| Apr 6 | Particle Detectors | Mandy Rominsky <i>Fermilab</i> | TBD |
| Apr 13 | Physics and Society | TBD ??? Pushpa Bhat <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: July 25, 2018