



# saturday morning PHYSICS

## Session One

### Lecture and Tour schedule

Sept 29 – Dec 15, 2018

Classes meet in Wilson Hall - One West

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

Dates	Topic/Lecture	Teacher	Tours Groups
Sep 29	Introduction to Science at Fermilab	Pedro Machado <i>Fermilab</i>	Groups 1 & 3 – Wilson Hall 15 <sup>th</sup> Floor Groups 2 & 4 – Accelerator
Oct 6	Special Relativity	Elliott McCrory <i>Fermilab Accelerator Division</i>	Groups 1 & 3 – Accelerator Groups 2 & 4 – Wilson Hall 15 <sup>th</sup> Floor
Oct 13	Quantum Mechanics	Ting Li <i>Fermilab Particle Physics Division</i>	TBD
Oct 20	Antimatter, Symmetry and Supersymmetry	Javier Duarte <i>Fermilab</i>	TBD
Oct 27	The Standard Model of Particle Physics	Cecilia Gerber <i>University of Illinois-Chicago</i>	TBD
Nov 3	Neutrinos	Leonidas Aliaga <i>Fermilab Scientific Computing Division</i>	TBD
Nov 10	Energy and Climate	Elisabeth Moyer <i>University of Chicago</i>	TBD
Nov 17	Particle Accelerators	Cindy Joe <i>Fermilab Neutrino Division</i>	TBD
Nov 24	*****NO CLASS*****	Holiday break	*****NO CLASS*****
Dec 1	Cosmology	Ting Li <i>Fermilab Particle Physics Division</i>	TBD
Dec 8	Particle Detectors	Mandy Rominsky <i>Fermilab</i>	TBD
Dec 15	Physics and Society	<b>TBD</b> <i>Fermilab Directors Office</i>	<b>Graduation Day - No tours</b>

<sup>1</sup> 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](mailto:rosa@fnal.gov)

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