

Fermi Summer School Week 1

	Tuesday, May 28	Wednesday, May 29	Thursday, May 30	Friday, May 31	Saturday, June 1
9:00 AM	The Fermi Mission (Julie McEnery)	Diffuse Emission and Map Making (Doug Finkbeiner)	Radiative Processes in High-Energy Astrophysics (Lukasz Stawarz)	Dark Matter in Fermi II (Part 1) (Savvas Koushiappas)	Dark Matter in Fermi II (Part 2) (Savvas Koushiappas)
	Space-based Gamma-ray Astronomy (Liz Hays)	Fermi Large Area Telescope Overview (Eric Charles)	Dark Matter in Fermi I (Doug Finkbeiner)	Ground-based Gamma-ray Astronomy I (1:15) (Deirdre Horan)	Particle Acceleration in High Energy Astrophysics (Lukasz Stawarz)
	Coffee Break				
	Gamma-ray sources (Elizabeth Ferrara)	Student Talks I	LAT Performance (Eric Charles)	Student Talks II	Student Talks III
12:30 PM	Lunch				
1:30 PM	Maximum Likelihood Overview (Steve Fegan)	Likelihood in the LAT (Steve Fegan)	LAT effective area (Eric Charles)	Pixel Noise Estimation Tutorial (Doug Finkbeiner)	Continue advanced likelihood, student projects
	Science Tools Intro and Data Exploration (Jeremy Perkins)	Likelihood Tutorial (Jeremy/Elizabeth)	LAT XML Models (Elizabeth)/Advanced Likelihood (Jeremy)	Assessing the likelihood fit and making adjustments to the model	

Fermi Summer School Week 2

	Monday, June 3	Tuesday, June 4	Wednesday, June 5	Thursday, June 6	Friday, June 7
9:00 AM	Particle Acceleration in High Energy Astrophysics (Lukasz Stawarz)	Galactic Cosmic Rays Probed with Fermi-LAT (Lukasz Stawarz)	GRB Observations and Follow-up by Swift (Neil Gehrels)	Extragalactic Cosmic Rays Probed with Fermi-LAT (Lukasz)	Final Wrap-up! Project Results and Feedback (All)
	Gamma-ray Pulsars (Tyrel Johnson)	Intro to Blazars (Deirdre Horan)	Fermi GBM and LAT GRB highlights (Judy Racusin)	Gamma rays and Multimessengers (Valerie)	
	Coffee Break				
	Student Talks IV	Ground-based Gamma-ray Astronomy II (Petra Huentemeyer)	The Fermi Gamma-ray Burst Monitor (Valerie Connaughton)	Early results from the HAWC observatory (Petra)	Workshop Close Out
12:30 PM	Lunch				
1:30 PM	Lightcurves and Variability (Steve)	Student Talks and One-Slide Summaries	Student Talks and One-Slide Summaries	Estimating systematics and final touches	
	Pulsars and Off-pulse Analysis (Tyrel Johnson)	Observation modes (Julie)/ Allsky Analysis (Elizabeth/Liz)	GRB Analysis (Valerie)/ Extended Source Analysis (Liz)		