Welcome

Fermi Data Analysis Workshop

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Workshop Objectives

- Today we'll cover *Fermi* analysis basics:
  - Data content, selection cuts, caveats
  - Analysis methodologies, synopsis of tools
    - ML method→ point source analysis
    - Light curve & pulsar analysis
- Emphasis on hands on analysis
  - roving support staff
- Feedback & discussion

Agenda, Staff

Fermi Data Analysis Workshop

October 1, 2009 (bldg. 26, rm. 205)

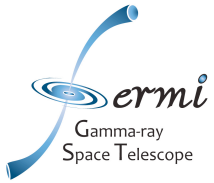| Time	Session	Presenter
8:00 - 9:00	Registration, Setup, Coffee & Snacks	
9:00 - 9:10	Overview, Workshop Objectives	Shrader
9:10 - 9:20	Data Selection, Exploration	Ferrara
9:20 9:45	Hands on Session 1	All
9:45 - 10:00	Point Source Analysis	Davis
10:00 - 11:00	Hands on Session 2	All
11:00 - 11:15	Q&A, Review	All
11:15 - 12:00	Hands on Session 2 (con.)	All
12:00 - 13:00	Lunch Break	
13:00 - 13:15	Q&A, Review	All
13:15 - 14:30	Hands on Session 2 (con)	All
14:30 - 14:45	Pulsar Analysis	Hirayama
14:45 - 15:00	Light Curve Analysis	Corbet
15:00 - 15:45	Hands on Session 3	All
15:45 - 16:00	Q&A, Review	All
16:00 - 16:20	Hands on Session 3 (con)	All
16:20 - 16:30	Summary, Feedback	All
16:30	Adjourn	

FSSC Staff: Chris Shrader, Dave Davis, Analia Cillis, Elizabeth Ferrara, Eric Winter, Masa Hirayama, Robin Corbet, Jerry Bonnell, Sandy Barnes

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Prerequisites

- Wireless access – should be straight forward – please test – problems?

- Science Tools Installation – hopefully done prior, but we can help as needed

- Sample datasets – can substitute alternative data selections, but be cognizant of run-time, S/N issues

Useful Information

- Web URLS:
  - http://fermi.gsfc.nasa.gov/workshops/data_analysis_oct09/ Workshop web site
  - http://fermi.gsfc.nasa.gov/ssc/ FSSC home
  - http://fermi.gsfc.nasa.gov/ssc/data/access/ Data access
  - http://fermi.gsfc.nasa.gov/ssc/data/analysis/ Data analysis page
  - http://fermi.gsfc.nasa.gov/cgi-bin/ssc/faq/glastfaq.cgi FAQs

Let's get started …