



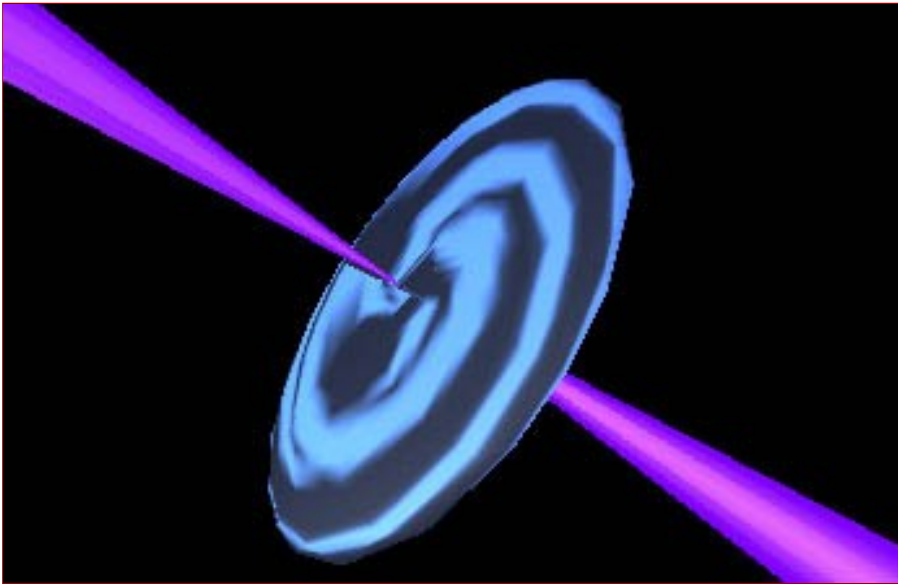
NASA and EPO

- Since 1996, Education and Public Outreach must be budgeted at 1-2% of NASA cost (excluding launch)
- For GLAST, this means around \$3-4M
- **GLAST AO** :*“The LAT IPI will take steps after selection to establish an overall program that integrates any other IPI E/PO programs and the IDS efforts...”*



EPO Program Goal

Each Program must have a Goal



We will utilize the observations and scientific discoveries of the GLAST mission to improve the understanding and utilization of science and mathematics concepts for grades 9-12.



E/PO Program

- Web-based materials
 - Space Mysteries (2004-2005)
 - GLAST Outreach Web Site (ongoing)
- Printed materials
 - TOPS Learning Systems (2002-2004)
 - Teacher's activity booklets and posters (bi-yearly)
- GLAST Ambassadors
 - 10 educators trained at SLAC and/or SSU in 2002/04
 - Help develop, test and disseminate materials



E/PO Program

- Informal Education
 - NASA Quest Space Scientists Online Web Chats
 - SLAC Virtual Visitor's Center γ -ray Exhibit (2004)
 - PBS Television Special (2004-2005)
 - Museum Exhibit (with SEU Forum)
 - Telescope Network (with HOU, SEU Forum)
- Educator training
 - New teacher's workshops yearly at NSTA, NCTM
 - Bi-yearly by GSFC and MSFC/AAVSO

GLAST

SLAC Virtual Visitor's Center



EXPLORE THE VIRTUAL VISITOR CENTER



Interactive Gamma-ray exhibit will be added to
<http://www2.slac.stanford.edu/vvc/home.html>

GLAST



Evaluation and Dissemination

- Evaluation & Dissemination plans also required
- Formative and summative evaluation by WestEd
 - Pre- and post-tests for workshops
 - Web-tracking and surveys
 - Use of workshop materials in classroom
- WestEd also measures dissemination
 - NASA distribution channels
 - EPO site usage
 - Marketing by Videodiscovery, TOPS, PBS, etc.
 - Educator conferences