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# ***GLAST***

## **Cycle-1 GI Program**

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# Cycle-1 Schedule

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- **Proposal aids on GSSC website: March, 2007**
- **Notice of Intent due (optional): April, 2007**
- **Two stage proposal process**
  - *Separate science & budget evaluations*
- **Stage 1 proposals due: **June 15, 2007****
- **Stage 1 evaluations released: October, 2007**
- **Launch: **November 2007****
- **Stage 2 proposals due: November, 2007**
- **Cycle 1 notifications released  
November/December, 2007**
- **Cycle 1 begins: Dec 2007/Jan 2008**

*For more info: <http://glast.gsfc.nasa.gov/ssc/proposals/>*



# Cy-1 GI Program Overview



- **ROSES NRA release in February, 2007**
  - *Includes GLAST Cycle-1 GI program description & call for proposals*
- **Yearly cycles, beginning ~2 months after launch.**
- **Funding (approximate & subject to change)**
  - *typically \$50-100K per investigation.*
- **Cycle 1 (first year) expect:**
  - *~50 proposals accepted;*
  - *subsequent years ~100 proposals accepted*
- **Actual numbers could differ significantly**



# What Cycle-1 Supports

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## ***Cycle 1 funding for:***

- ***Analysis of released GLAST data products***
- ***Correlated multi- $\lambda$  observations.***
- ***GLAST-related theory.***
- ***GLAST-relevant data analysis methodology.***
- ***Subsequent mission cycles:***
  - *All the above plus detailed analysis of LAT event lists & pointed observation requests.*



# Cycle-1 Data Products

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- **GBM triggered data**
- **LAT flux histories for about 20 sources to be posted** <[http://glast.gsfc.nasa.gov/ssc/data/policy/LAT\\_Monitored\\_Sources.html](http://glast.gsfc.nasa.gov/ssc/data/policy/LAT_Monitored_Sources.html)>
  - *Energy-dependent light curves*
  - *Photon model fits*
- **Additional sources w/  $> \sim 2 \times 10^{-6} \text{ cm}^{-2} \text{ s}^{-1}$  likely to be added**
- **Project/GUC will consider user requests for additional sources**
  - *e.g. based on radio or optical variability*



# Proposal Submission

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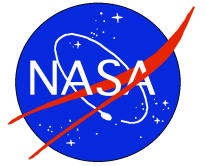


## Two Stage Process:

- **Stage 1—scientific justification submitted through RPS (now called “AKBAR”).**
  - *Simple & intuitive www-based system*
  - *Highly familiar to high-E astro community*
- **Stage 2—funding request for successful stage 1 proposals, submitted through NSPIRES.**
  - *WWW-based facility familiar to astrophysics community*



# *GLAST Cycle-1 GI Program*



- **Stage-1 proposal submission**
  - *RPS/AKBAR demonstration to follow*
- **GSSC/HEASARC provides real time user support at deadline**
- **GSSC w/HEASARC support creates DB from RPS inputs**
  - *Keys such as science topics, PI/Co-I institutions*
  - *Share DB w/NRSS (i.e. NASA HQ)*
- **Pool of PIs/Co-Is, topic distribution drives committee selection**



# Peer Review Process (Stage 1)



- **NASA HQ oversight & authorizes selections**
  - *GSSC will manage reviews supported by NRSS*
- **GLAST will follow general OGIP model**
  - *Topically focused committees*
  - *Primary/secondary reviews + panel discussion*
  - *Committees deliver ranking + written evals to NASA*
- **What are the evaluation criteria?**
  - *Scientific excellence (in accordance w/NASA mission statements)*
  - *Pertinence to GLAST mission objectives*
  - *Deemed likelihood of success*
  - *Impact on project resources (Stage 2)*





# Stage-2 Proposals

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- **Successful Stage-1 proposers invited to request grant support**
- **Institutional budgets and associated justification materials peer-reviewed by a subset of Stage-1 panelists**
  - *Purpose is to broadly assess level of effort & resource requirements*
  - *NOT to micro-manage budgets*
  - *Avoid bias against “expensive” institutions*
- **Paperless submission through NSPIRES**
- **GSSC provides results to NASA HQ for final funding decisions**



# Stage-2 Proposals

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## Typical stage-2 evaluation criteria:

- ***Do manpower estimates approximately match the anticipated scope of work?***
- ***Role of Co-I institutions requesting funding well defined? Are travel & equipment costs reasonable?***
- ***Is GLAST the most appropriate funding source (as evident from the “Current & Pending NASA Support” summary provided***



# *Grant Administration*

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- ***Revised budgets solicited as warranted***
- ***Grant contracts initiated through GSFC but managed by centralized NASA grants office***
- ***Release of funds contingent upon acquisition of relevant data***
  - *Generally not an issue for GLAST, except e.g. pointed observations*
- ***Latency of ~2 weeks – to 2 months***