5 Years of Swift

The view from the users group

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Brief History

- Swift launch Nov 20, 2004
- SUG formed in 2007
- 1st mtg: March 2008
- Meets 1-2 per year at meetings like this one – or via teleconference.
- 3rd meeting: This Friday, Nov 20, 2009, 5pm
- Everyone is welcome to contribute
- Email comments are welcome: hdieter@clemson.edu
Composition

- NASA HQ Program Scientist (Ilana Harrus)
- NASA Swift Program Executive (Jaya Bajpayee)
- Swift Team representatives

- Dieter H. Hartmann (chair) – Clemson U.
- Andrew Levan (Warwick)
- Brenda Dingus (LANL)
- Dan Reichart (UNC)
- Elena Pian (INAF, Trieste)- Patrizia Romano
- Jeno Sokoloski (Columbia U.)
- Charles Bailyn (Yale U.)
- Interested in serving? – email to hdieter@clemson.edu
What is the objective?

• Advise NASA HQ and the Swift Team on overall implementation of the mission, with emphasis on
  • Scientific opportunities
  • Optimal use of observing time
  • Software issue
  • Guest Investigator program
  • **Input to senior review proposal**
Senior Review

- 2006 #1
- 2008 #1
- 2010 #1 again? – a tall order indeed, but 200 papers per year....

- Proposals are due Feb 8, 2010
- Drafts in December
- Red Team in January
Quo vadis Swift?

- GRBs – Short? Discussions..
- GRBs – Long – high-z cosmology: \( z = 8.2 \), CCE-studies
- CVs, Novae, Supernovae, ... 2008D
- Transient monitoring ... PTF, ...
- AGN campaigns

> 500 TOOs in 2009

- 15-150 keV all-sky legacy survey
  J. Tueller, et al.

- **SYNERGY** with Fermi, INTEGRAL, MAXI ... and ground based facilities
- Swift has much to celebrate, but won’t rest on its laurels.
- 5 Years of great success will be followed by more discoveries...
- but, should we just promise more of the same great stuff?
20,000 new UV sources in M31

Gravitational waves