

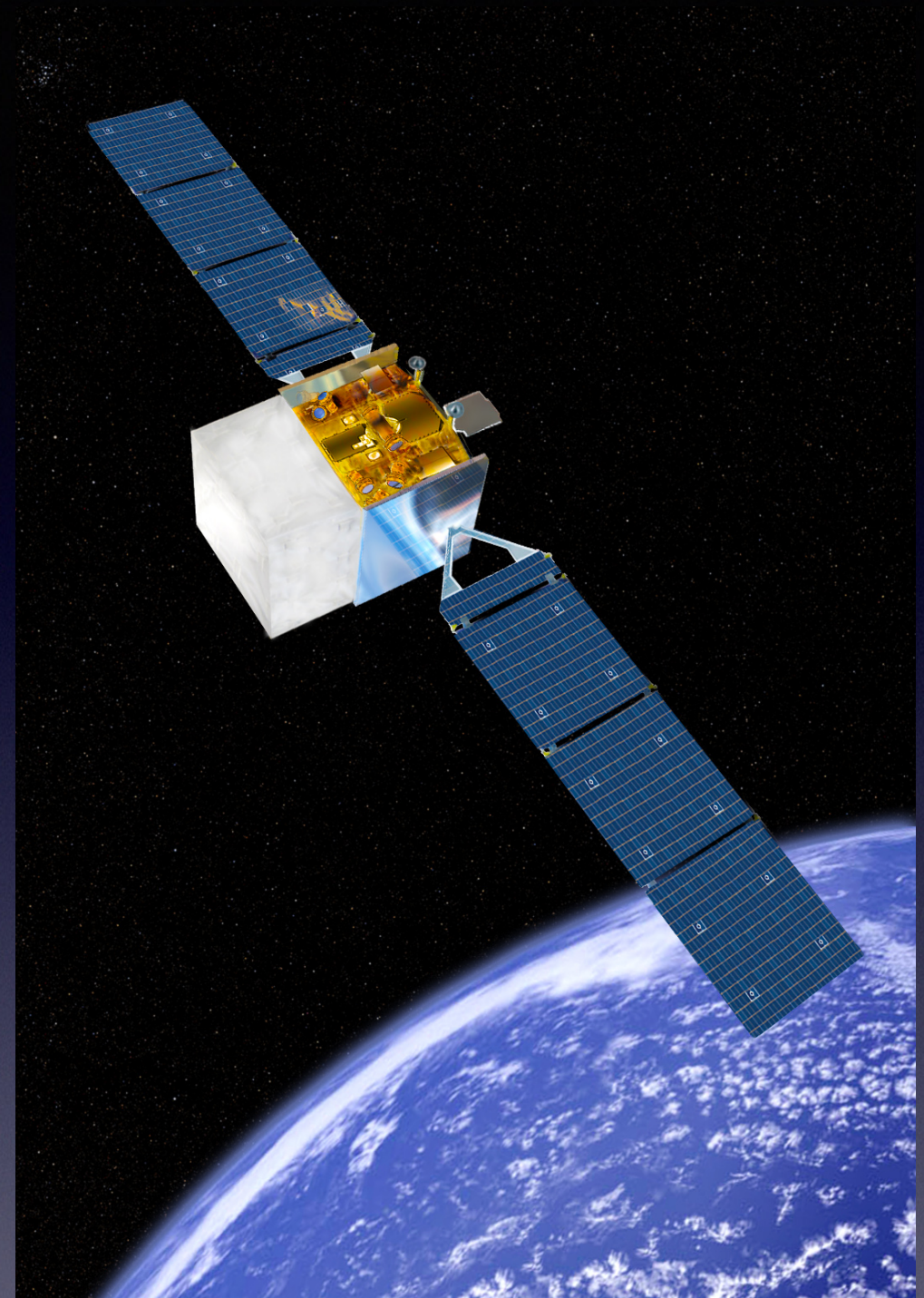


Celebrating 10 years of Fermi

Elizabeth Ferrara
Fermi-LAT Collaboration Meeting
15 March 2018 Pisa, Italy

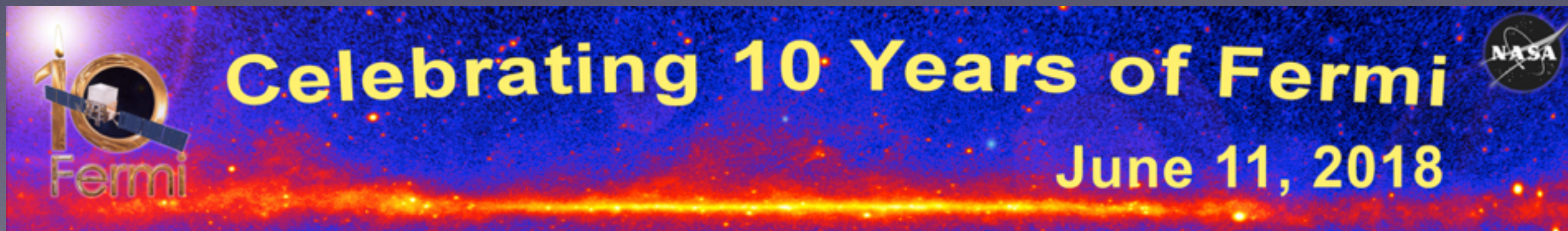
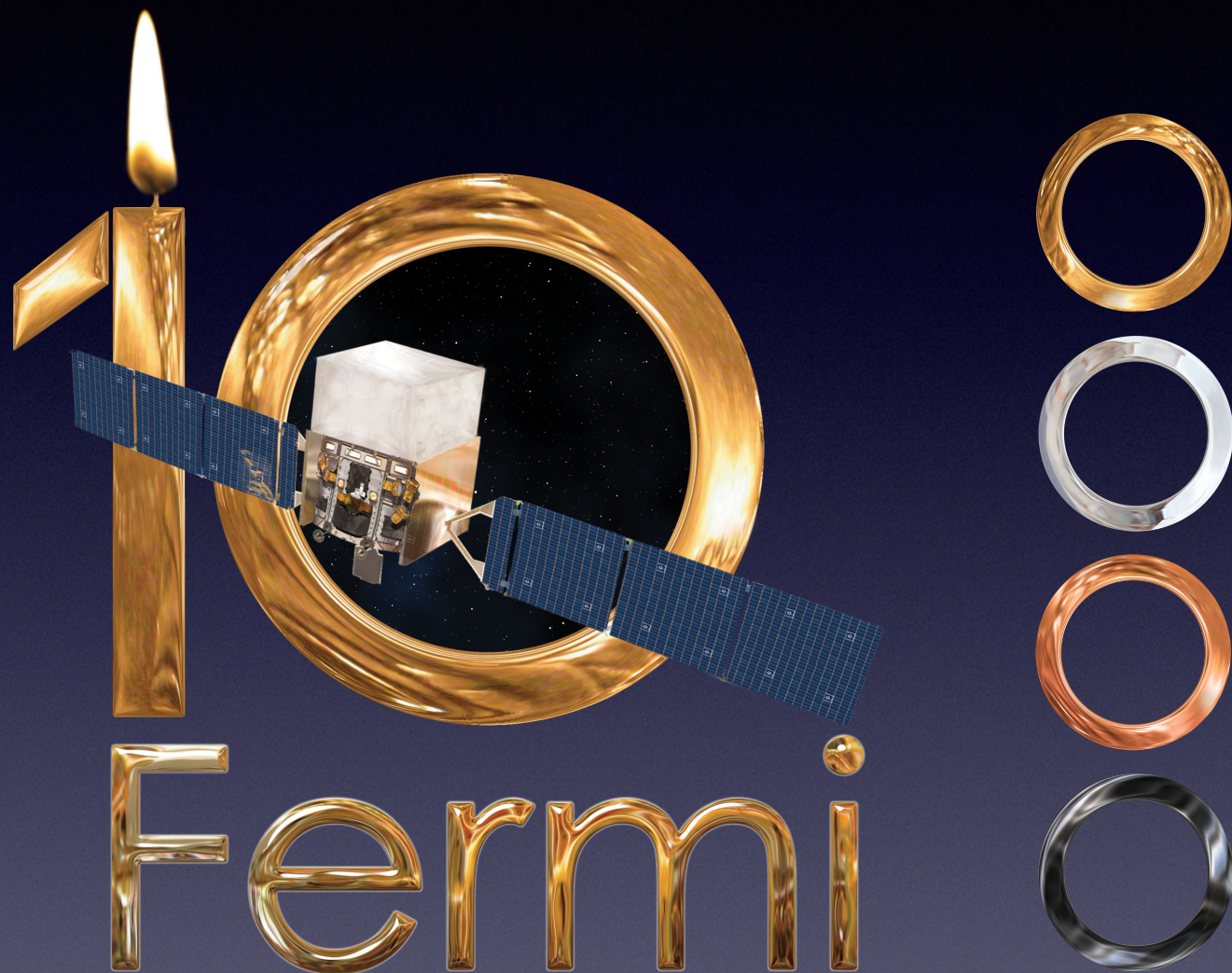
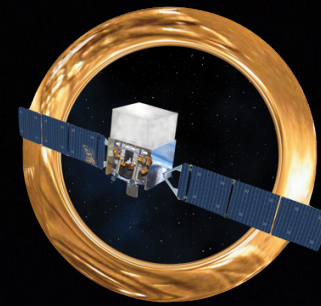


Launch Anniversary
June 11, 2018

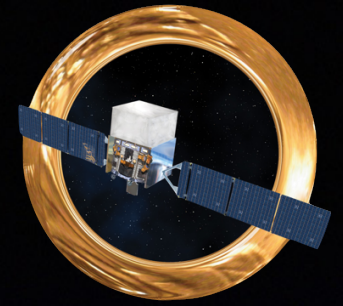


Anniversary for
Start of Science Operations
August 4, 2018

Fermi@10 Artwork

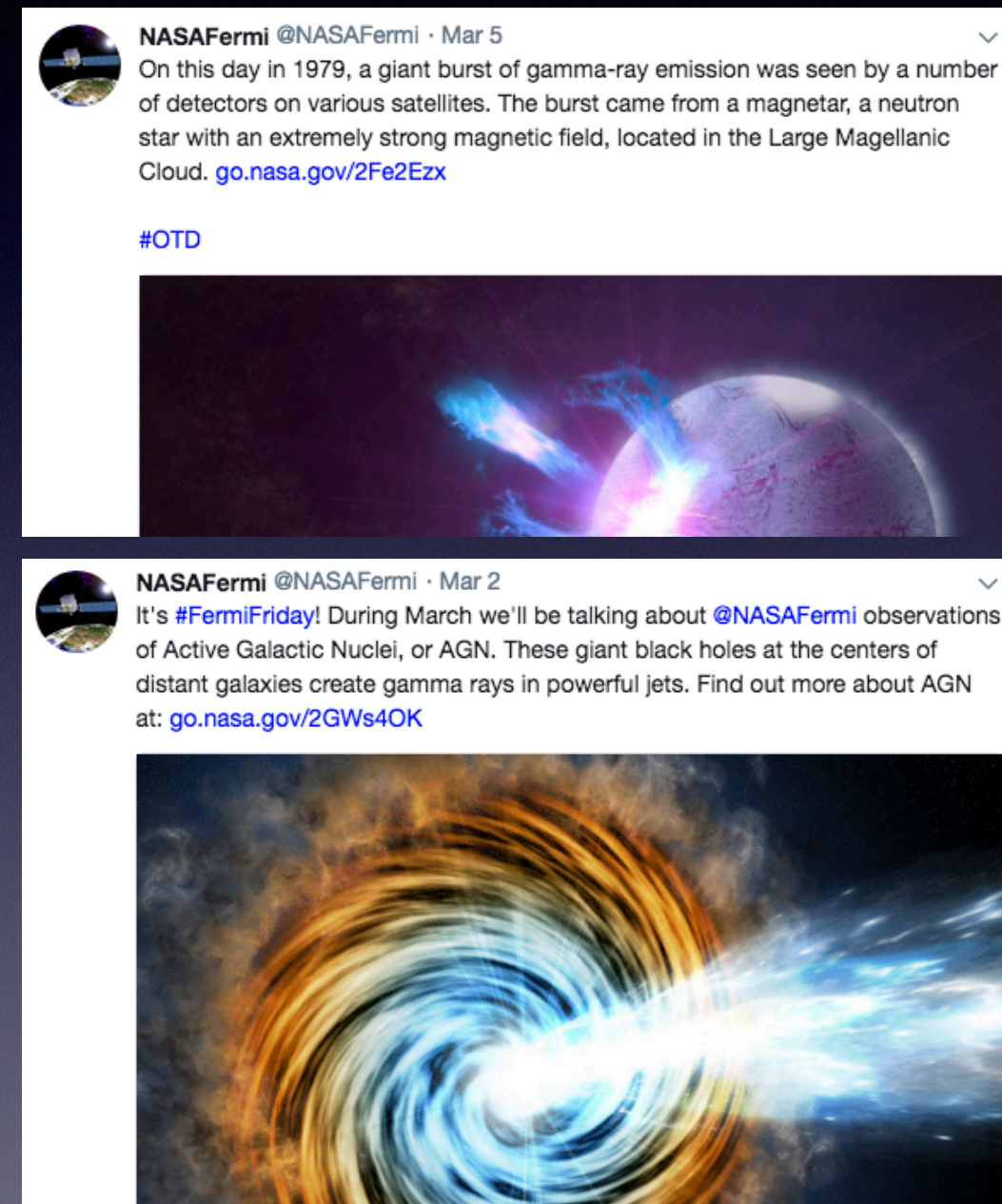


Social Media



- Several parallel initiatives on-going:
 - On This Day posts (#OTD)
 - Fermi Fridays
 - Science Brackets
 - “Happy Birthday Fermi” video
 - Send-a-thing / Get-a-thing birthday cards
- On twitter, use #Fermi10th hashtag
- @NASA retweets drive up visibility

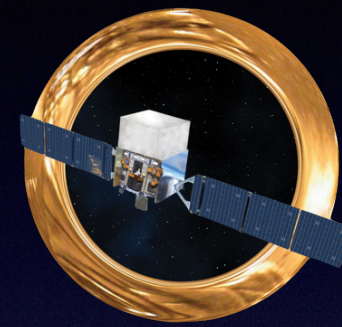
Twitter followers: 49k → 53k



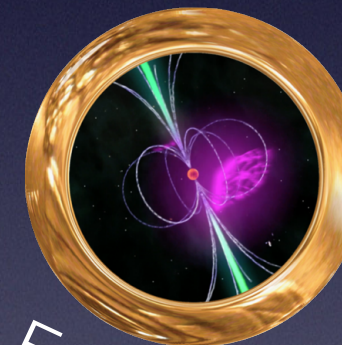
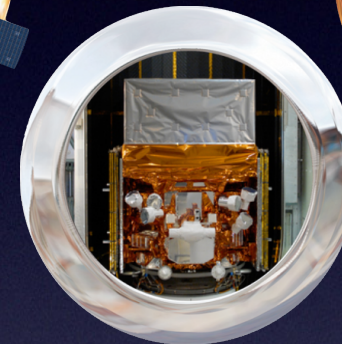
@NASAFermi  

Fermi Fridays

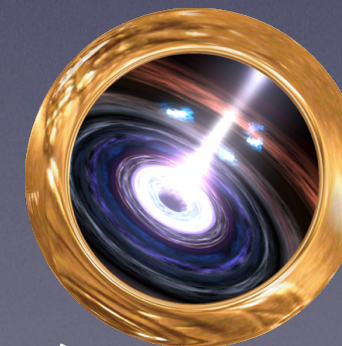
- Monthly Science Topics with a new post every Friday
 - Wk1 = Intro to the topic
 - Wk 2 = Behind the Scenes
 - Wk 3 = Tech Talk
 - Wk 4 = Art of the Sky
- Numerous guest authors
- 3 “Fermi XTtra” weeks
- Emphasizes the wide variety of Fermi science



January



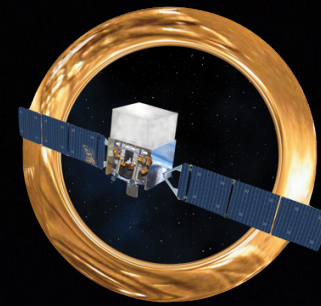
February



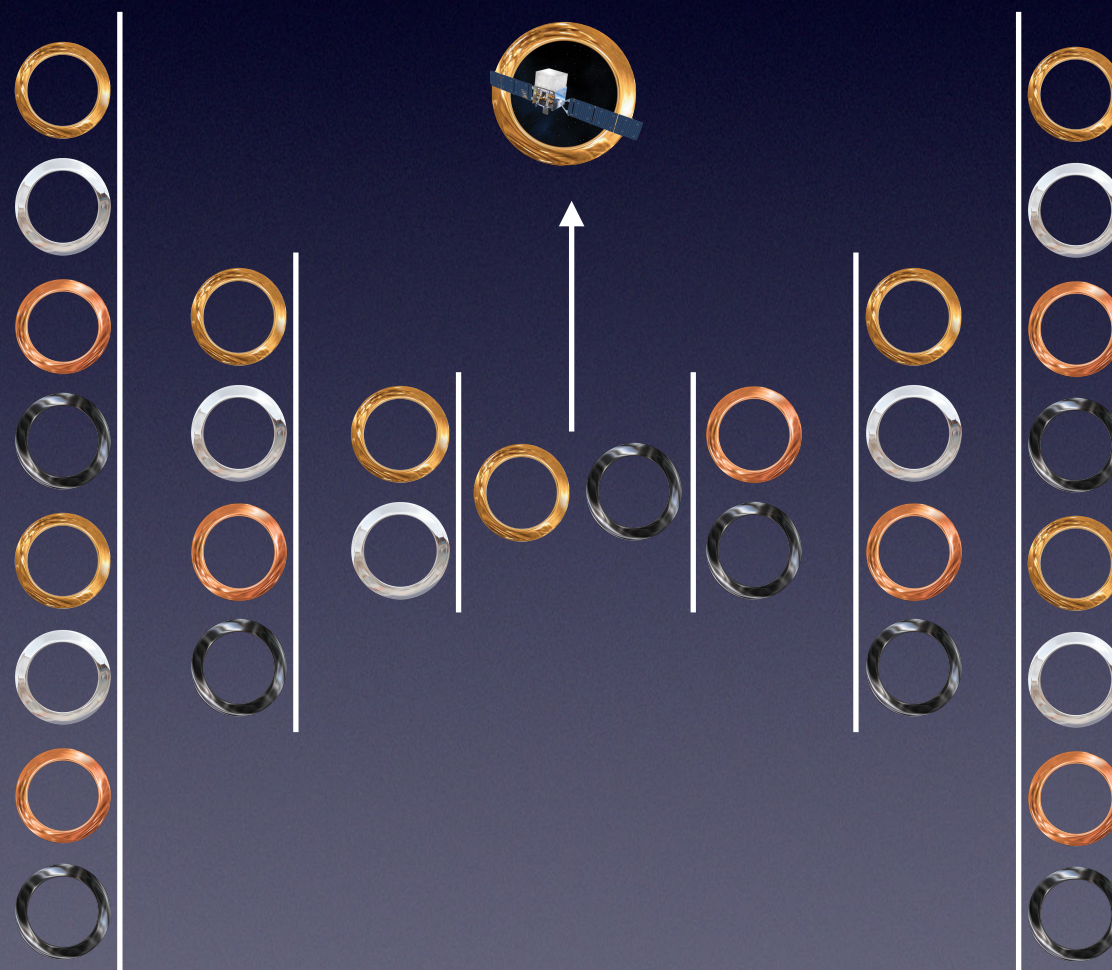
March



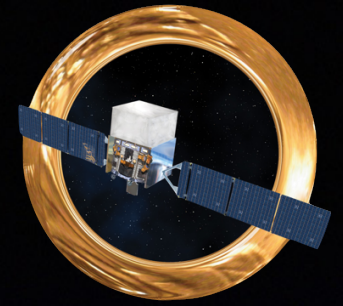
Science Brackets



- ‘Contest’ between 16 Fermi science topics
- Match-ups between topics with eliminations
- Public votes for their favorite between each pair until only one is left
- Begins the week of the launch anniversary
- Ends with the anniversary of the start of science operations



Fermi@10 Website



National Aeronautics and Space Administration
Goddard Space Flight Center

Fermi • HEASARC • Sciences and Exploration

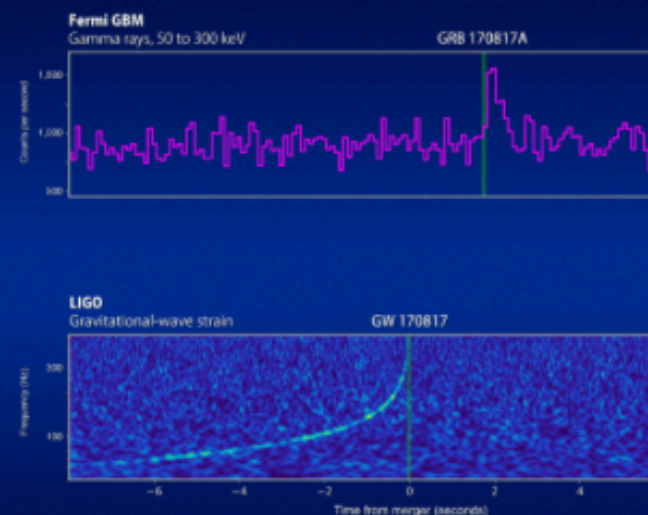


Celebrating 10 Years of Fermi

June 11, 2018

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Fermi's Gamma-Ray Burst Monitor wins 2018 Rossi Prize



Congratulations to Dr. Colleen Wilson-Hodge and the Fermi Gamma-Ray Burst Monitor team! The High-Energy Astrophysics Division of the American Astronomical Society has awarded them the [2018 Rossi Prize](#) for their discovery of gamma rays coincident with a neutron-star merger gravitational wave event, confirming that short gamma-ray bursts are produced by binary neutron-star mergers.

Latest News

Mar 09, 2018

Fermi Friday: Tech Talk

Scientists monitoring Active Galactic Nuclei need to know when one of them starts to flare. As an all-sky scanning instrument, Fermi is often the first to detect activity. Find out how the data gets to scientists quickly to allow for rapid multi-wavelength observations.

[+ Read More](#)

Mar 02, 2018

Fermi Friday: AGN Month!

What are Active Galactic Nuclei, and why are they so interesting to Fermi scientists? Find out more about these giant, powerful, and numerous gamma-ray objects.

[+ Read More](#)

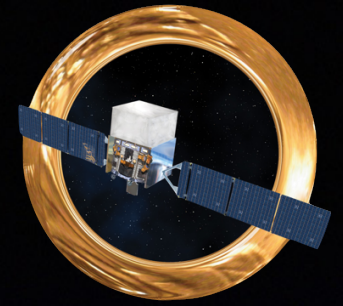
Feb 23, 2018

Fermi Friday: Art of the Sky

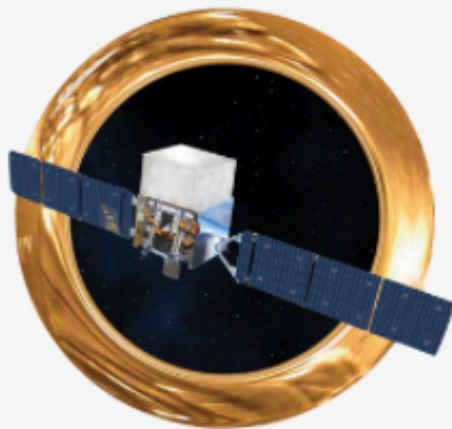
Animation students from the Maryland Institute College of Art found inspiration from Fermi pulsars. Take a look at the animations, as well as the science behind them. As a bonus, check out the Fermi Cake Committee's first cake!

[+ Read More](#)

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June 11, 2018 is Fermi's Tenth Launch Anniversary

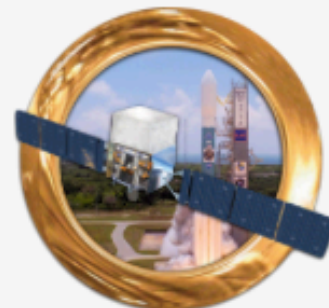


Welcome to a Fermi's 10th year!

We'll be celebrating throughout 2018, sharing Fermi's influence on science, technology, and art. If you want to stay on top of all the Fermi fun, be sure to follow/friend NASA Fermi on Facebook and Twitter!



Here are some of the great features you can look forward to:



[Fermi Launch 10th Anniversary - June 11](#)

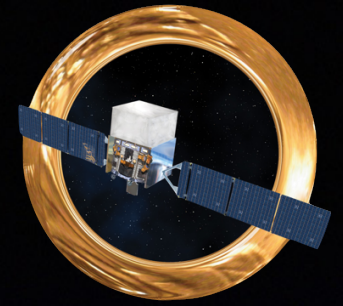


[Fermi on Tumblr](#)
Monthly posts introducing Fermi's topic for the month



[Fermi Fridays](#)
Weekly posts discussing all things Fermi

Fermi@10 Website



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Fermi Fridays - February

Gamma-Ray Pulsars!

**Feb
02**

February is Pulsar Month! [Introduction to Gamma-Ray Pulsars](#)
Find out about these small, but powerful, objects. Discover why Fermi is great at finding more of them!

**Feb
09**

Fermi Talks Tech: [How do scientists discover new Fermi pulsars?](#)
Finding new gamma-ray pulsars is hard, especially because Fermi doesn't detect gamma rays from every pulse. Learn more about how scientists use home computers across the globe to solve this computational problem!

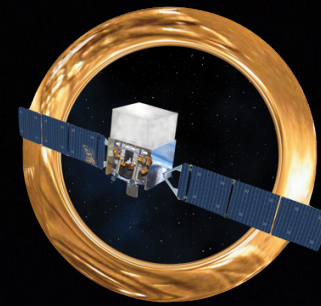
**Feb
16**

Behind The Scenes: [Where are they now?](#)
What happens after grad school? These students studied pulsars and used Fermi data to get their PhDs. Find out what they studied, and what kind of work they are doing today.

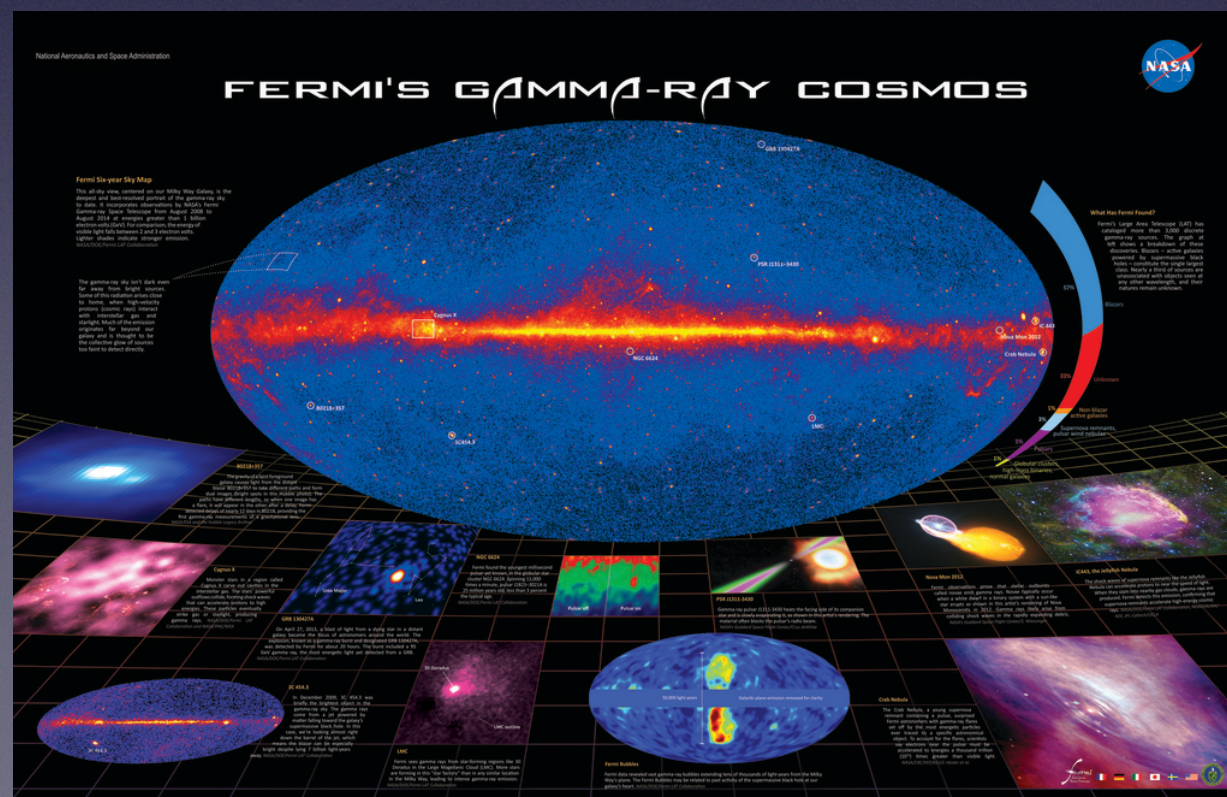
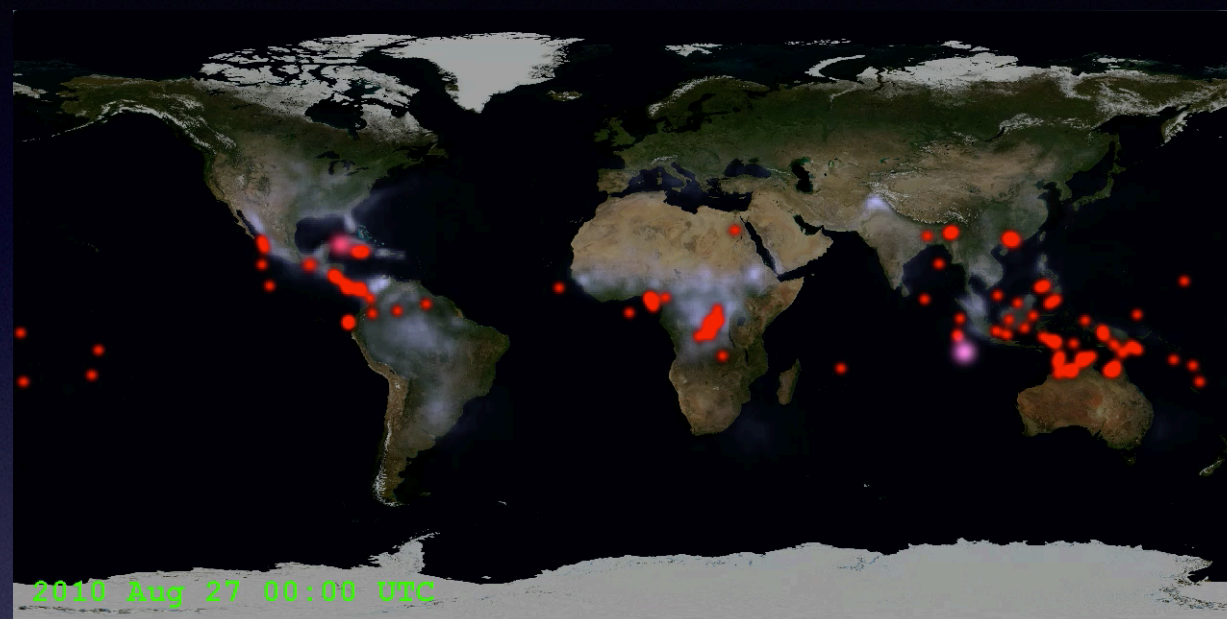
**Feb
23**

Art of the Sky: [Pulsar science inspires art!](#)
Animation students from the Maryland Institute College of Art found inspiration from Fermi pulsars. Take a look at the

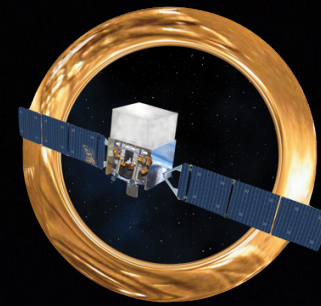
Visualizations



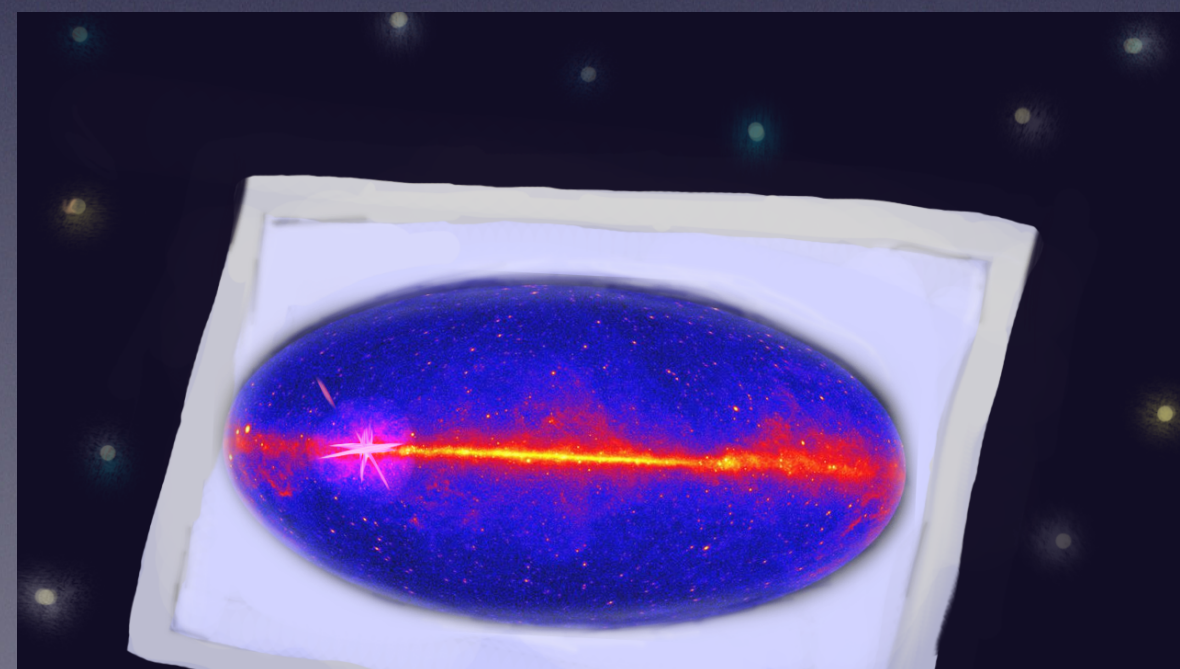
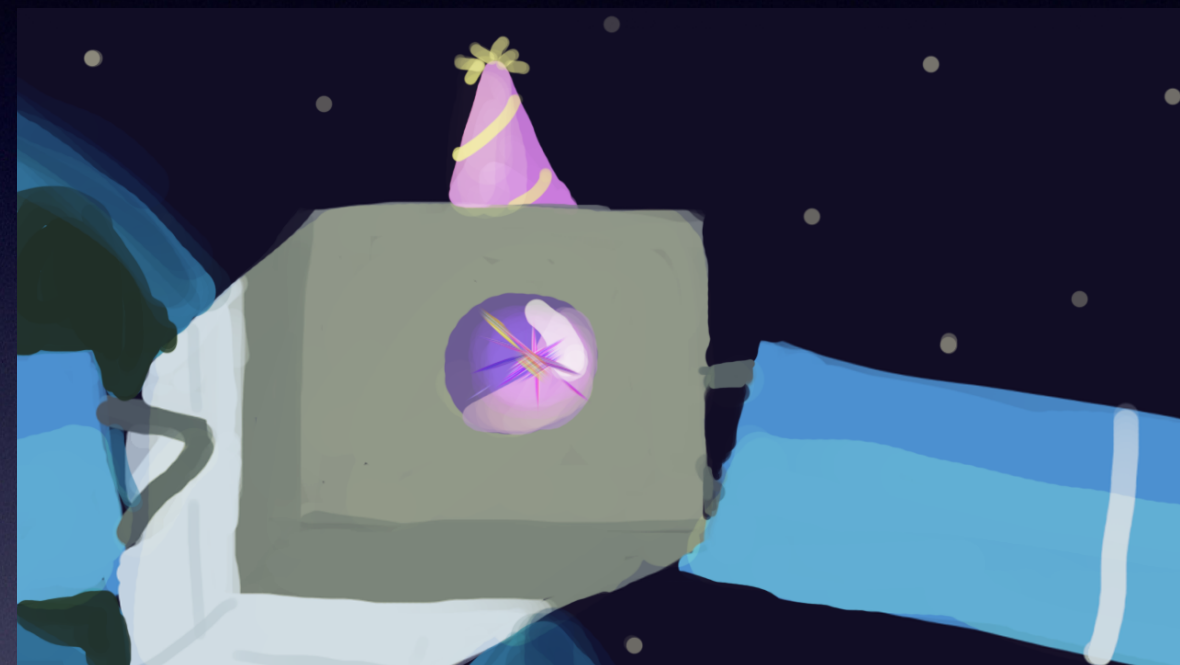
- Updating “Science on a Sphere” visuals for mission-long data sets (TGFs, GRBs, time-variable sky)
- Creating ‘infographic’ to explain Fermi to the public
- Developing new 10-year Fermi poster



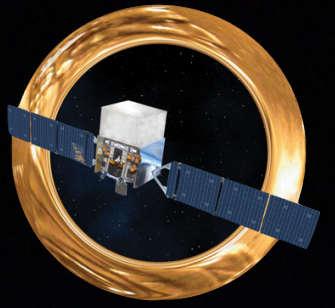
MICA Connection



- Continue long-running partnership with Maryland Institute College of Art
- ‘Fermi 10th Anniversary’ topic selected by a group of student animators
- Laurence Arcadias (MICA animation instructor) creating a 10th anniversary animation
- Some animations will be ‘planetarium-ready’

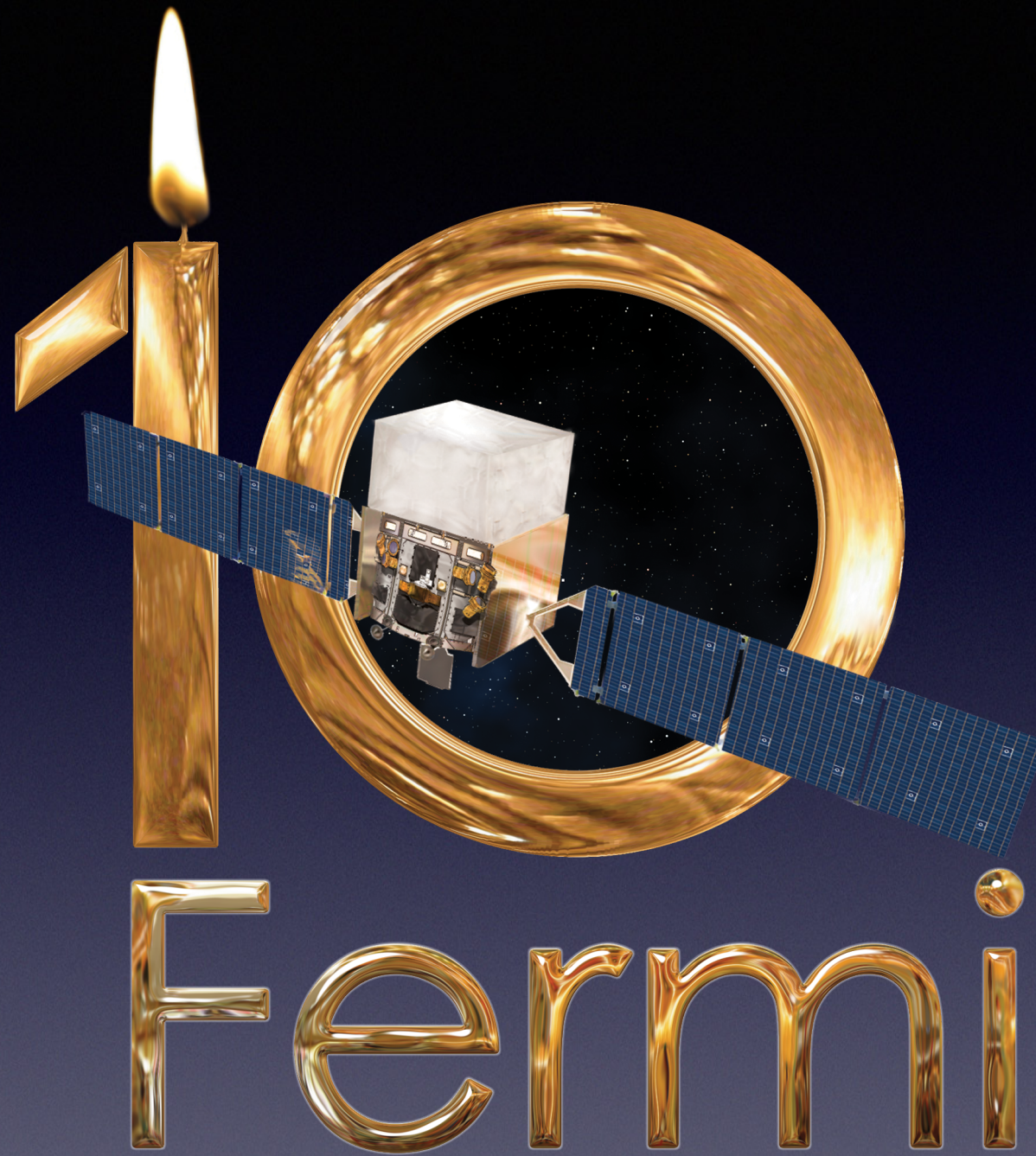


Anniversary Events



- Various groups arranging events to celebrate the 10th anniversary.
- Please let Julie McEnery & Dave Thompson know if you're planning one!
- Examples:
 - Torino's 'That's A'Mole' contest includes a 'Fermitutti' prize for artwork associated with Fermi's 10th
 - AwesomeCon Fermi 10th panel
 - US Science & Engineering Festival Fermi booth
 - 8th Fermi Symposium & additional events
 - ...





Join the Celebration!