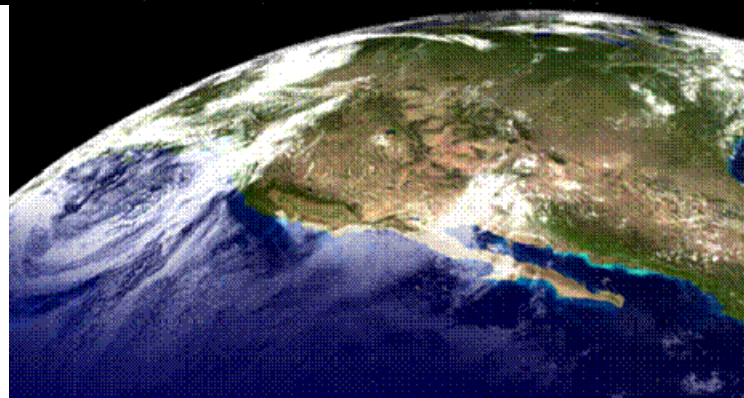
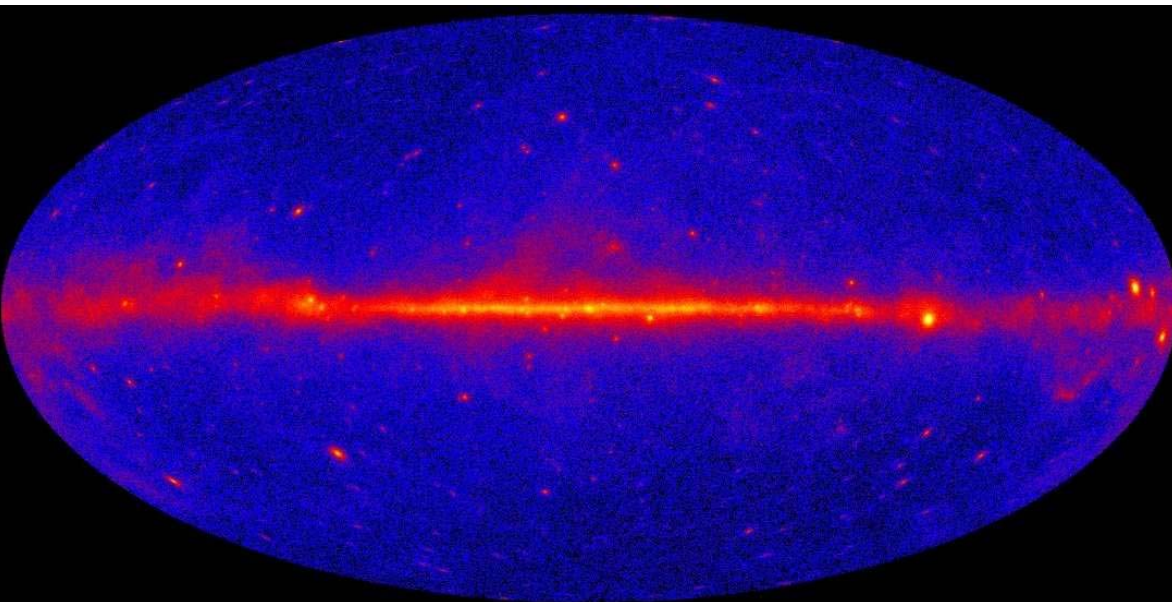


# First results from Fermi Gamma-Ray Space Telescope

Saturday March 7, 2009, Tokyo Tech, Ookayama, Tokyo, Japan



Organized by the  
Fermi International collaboration  
Supported by the Global COE  
Program "Nanoscience and Quantum  
Physics" at Dept. Physics, Tokyo Tech,  
Grants-in-Aid for Priority Area  
"Gamma-Ray Bursts" of MEXT, Japan



# Fermi Gamma-Ray Space Telescope

- Multidisciplinary project
  - Particle Physics + Astrophysics
    - (in US, supported by DOE and NASA)
  - Supported by KEK + JAXA/ISAS
  - People from both worlds
  - Scientific outputs to both worlds
    - Astronomy and astrophysics
    - Fundamental physics, particle physics and cosmology



# First Results from Fermi



- >8 months operation since launch on June 11, 2008
- Fermi Large Area Telescope Collaboration Meeting  
March 2-6, 2009 Hiroshima: **133 participants**
- Two papers appeared in “Science” magazine
  - Pulsar discovery and an energetic gamma-ray burst
  - More papers to appear soon
- Data will become public in August 2009
  - Everybody welcome!
- Japanese community to know about Fermi
- Fermi collaboration members to know Japanese activities

# Sponsors



- Fermi Japanese collaboration is supported by
  - KEK Japan-US collaboration
  - Grants-in-Aid for Scientific Research of MEXT, Japan
    - Grants in Priority areas: “Black Hole” and “Gamma-ray bursts”
    - Other grants from MEXT
  - JAXA/ISAS support funding for international collaboration programs
- Symposium “First Results from Fermi” is supported by
  - “Nanoscience and Quantum Physics” , a Global Center of Excellence program of MEXT at Department of Physics, Tokyo Tech (Lead: Susumu Saito)

# Symposia

- 3rd Suzaku Conference

"The Energetic Cosmos : from Suzaku to ASTRO-H"

– 29 June -2 July, 2009, Otaru, Japan

– <http://www-utheal.phys.s.u-tokyo.ac.jp/SuzakuConference2009/>

– Abstract deadline: March 16, 2009



- 2009 Fermi Symposium

– November 2-5, 2009, Washington D.C., USA

– <http://fermi.gsfc.nasa.gov/science/symposium/2009/>



- “Deciphering the ancient universe with GRB”

– April 19-23, 2010, Kyoto, Japan

– <http://www.hp.phys.titech.ac.jp/grb/>

