Gamma rays, the highest energy form of light, are produced by the hottest regions of the universe: supernova explosions, black holes, neutron stars, and pulsars. The liftoff of the Delta rocket carrying and last a gamma-ray telescope searching for unseen physics in the stars of the galaxies on June 11, 2008. The gamma-ray large-area Space Telescope, glassed was sent into space since renamed Fermi for high-energy physics. Pioneer Enrico Fermi the spacecraft orbits about 300 miles above Earth, scanning and imaging the universe for.
gamma rays that unlike optical light and

x-rays cannot be captured and reflected

in mirrors light can be much more

energetic than just visible and when it

a little bit more energetic we call this

will travel it and you know that's the

you know the light that is bad for your

skin and then you are more energetic you

are in x-rays and now if you are even

more energetic than x-rays you are in

gamma rays and gamma rays is the domain

that Fermi is studying Fermi carries two

instruments the large area telescope or

lat and the glassed burst monitor or GBM

lat has already unveiled an all-sky image of the glowing gas of the Milky Way blinking pulsars and a flaring galaxies billions of light-years away.

Fermi's GBM spotted 31 gamma ray bursts in its first month of operation alone.

together the instruments will provide an unprecedented look across a broad gamma-ray spectrum enabling scientists to witness the processes powering these high-energy events they've already discovered a pulsar that is totally invisible for everybody except if you're looking in gamma ray.
that pulsar what isn't is in the center of a supernova remnant so

people thought oh they should be a pulse out there they look but they couldn't find anything because unless you look in gamma rays you're not going to find it it's a pulse out that pulses on the in gamma rays so in a very short time they've already changed the way we look at pulsars and that's just a very small category of all the subject that Fermi can cover scientists predict Fermi will also answer persistent questions about supermassive black holes the origin of cosmic rays and aid in
searches for new physics all to better understand how our universe works it's just started to give fabulous discovery and provide scientists with fabulous data so if you hear the word Fermi the mission Fermi you will know this is the mission that study the sky in gamma rays and just stay tuned for a humongous large number of discovering that they will come and you will be surprised for more on Fermi and other NASA missions visit www.nasa.gov you