

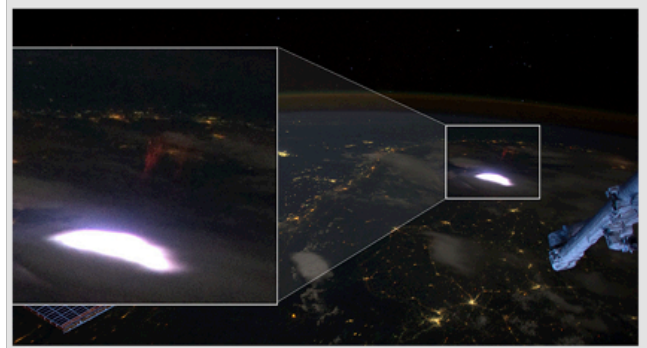


Huntsville Alabama L5 Society (HAL5)

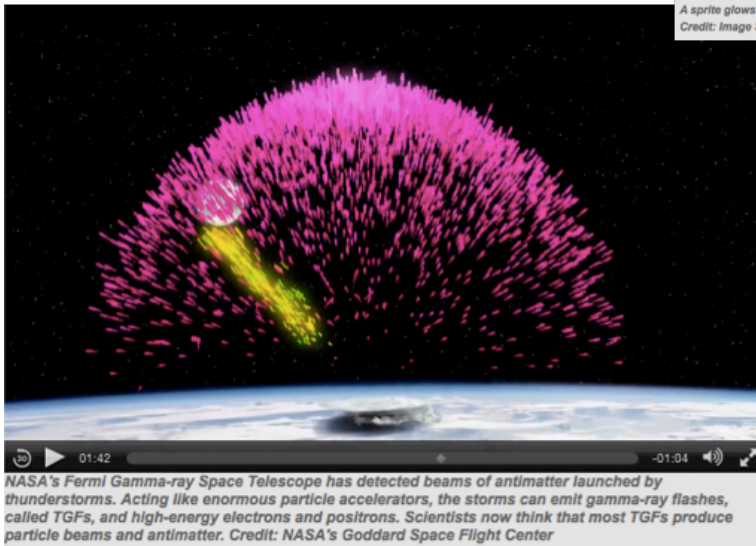
Your local chapter of the
National Space Society
Presents



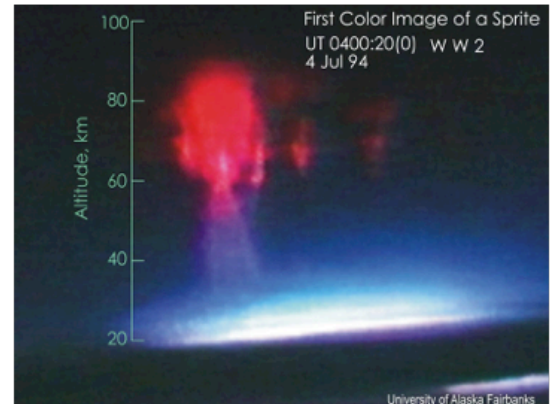
Our Earth's Weird Weather: Space Lightning, Gamma Ray Bursts, and Anti-Matter Particle Beams



View larger without inset
A sprite glows red (inset) in this image captured by astronauts on the International Space Station on April 30, 2012.
Credit: Image Science & Analysis Laboratory, NASA Johnson Space Center



NASA's Fermi Gamma-ray Space Telescope has detected beams of antimatter launched by thunderstorms. Acting like enormous particle accelerators, the storms can emit gamma-ray flashes, called TGFs, and high-energy electrons and positrons. Scientists now think that most TGFs produce particle beams and antimatter. Credit: NASA's Goddard Space Flight Center



A **FREE** Public Lecture by

Dr. Linda Habash Krause

Solar/Solar-Terrestrial Physics @ NASA MSFC

Thursday, April 2, 2015

7:00 pm to 8:30 pm at the

Huntsville/Madison County Public Library's Main Auditorium

915 Monroe Street (corner of St. Clair Ave.), downtown Huntsville, Alabama

Event is FREE and open to the public. A social will follow the meeting.

For more information, visit our website: www.HAL5.org