Marin Science Seminar Presents

Exploring the
EXTREME UNIVERSE
with the Fermi Gamma-ray Telescope

Lynn Cominsky Ph.D. of Sonoma State University

A one-hour multimedia presentation for Marin High School Students and Teens in Marin

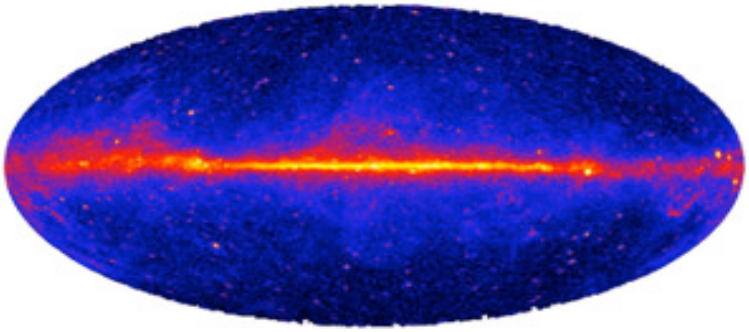

Image from NASA's Fermi Gamma-ray Space Telescope

Wednesday, March 6, 2013

7:30 – 8:30 pm
Terra Linda High School, Room 207
320 Albion Way, San Rafael, CA 94903

"The mission of NASA's Fermi Gamma-ray Space Telescope is to explore the most energetic and exotic objects in the cosmos: blazing galaxies, intense stellar explosions and super-massive black holes. Using experimental technologies developed by high energy particle physicists, Fermi's observations are being conducted by scientists world-wide. I will explain how Fermi uses matter and anti-matter pair production to track gamma rays to their cosmic locations, and will showcase recent exciting results from the mission."

Professor Cominsky is Chair of the Department of Physics and Astronomy at Sonoma State University, as well as the director and founder of SSU's NASA-funded Education and Public Outreach group. Her group supports four different x-ray and gamma-ray satellites: Fermi, Swift, XMM-Newton and NuSTAR. The group runs a robotic telescope north of campus that can be used over the internet by high school and college students nation-wide. Professor Cominsky also served as scientific director for PBS NOVA's "Monster of the Milky Way" and accompanying planetarium show "Black Holes: The Other Side of Infinity."

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