

Come to the
Laboratory for Atmospheric and Space Physics
for Our Next Public Lecture:

The Near Earth Radiation Environment: Van Allen Belts, Solar Particles, Jovian Electrons and All That

Dr. Shri Kanekal

Tuesday, November 6th at 7:30 pm
LASP Auditorium 299

The space beyond the Earth's atmosphere is filled with a variety of radiation ranging from elusive neutrinos to the nuclei of heavy elements. This radiation is of diverse origin ranging from distant galaxies to near-Earth space itself. The Van Allen Belts are a region of charged particles trapped in the Earth's magnetic field and comprise mainly of electrons and protons, which are influenced by the solar wind originating from the Sun. Solar energetic particles and electrons from Jupiter are other types of radiation that reach the Earth. Dr. Shri Kanekal will describe current understanding of the physics of these particles, as well as how they are observed. He will also describe instrumentation currently being developed right here at LASP.



LASP is located at 1234 Innovation Dr., Boulder

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