

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

Eight Minutes to Earth:

Understanding Our Sun's Variable Radiation **Dr. Erik Richard** **Tuesday, June 5th at 7:30 pm** **Auditorium 299**

The Sun has existed for nearly 5 billion years and we have observed it for hundreds of years, but only recently have we begun to understand its interactions with Earth. The Sun is active and dynamic, with intense magnetic field interactions, solar flares, and sunspots. Observations show that solar activity varies dramatically over time and causes variation in the Sun's radiation that we receive on Earth.

Dr. Richard will present an overview of solar variability and discuss what we have learned from space-based observations of our Sun. In particular, recent observations made by the NASA SORCE mission, consisting entirely of solar monitoring instruments designed, built and operated by LASP, have provided a wealth of new information on the variability of our Sun's radiation. Detailed knowledge of the Sun's variable energy output is ultimately necessary to determine how the sun influences Earth's climate.

For more information, contact Erin Wood (303) 735-0962.

