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Physics Colloquium

"High Resolution Observations of the Sun"

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Friday, October 19, 2012
4:10 – 5:00 pm, EPS108

Abstract:

The Sun is about 150 million kilometers far away, yet we can resolve details on its surface as small as 100 km with our best telescopes. I will present high-resolution observations from different telescopes and satellites and discuss the surprising features that can be found on our star. One of the big questions is why and when the Sun produces flares. We will explore this question by looking at some techniques to analyze the solar light and to obtain actual physical parameters, such as temperature, magnetic fields, and velocities to be able to get a 3D picture of the solar atmosphere.

Host: Rufus Cone

Refreshments 3:45 p.m.
EPS 2nd Floor Atrium

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