
Colloquium
Tempest in the Sun
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The Sun is thought to consist of hot gases in highly turbulent motion----but how turbulent is it? Results from modeling and computer simulations give us a partial picture but there are no direct measurements so far. In this talk, we will examine how one can infer the interior motion of the Sun from the satellite observations of its surface. The most surprising result is that the inferred convection velocities are 10 to 100 times smaller than previously believed. Does this result mean that our past understanding needs drastic revision? A number of such unanswered questions arise about the internal motion of the Sun. We will assess these results and the gaps in our understanding.

Saturday, Apr 19th 2014

04:00 PM (Tea/Coffee at 03:30 PM)

Seminar Hall, TCIS