

**PHYSICS AND ASTRONOMY SEMINAR
SPRING 2009**

**MISSION IMPOSSIBLE: EPISODE#23,
“SNOWING WHEN IT SHOULDN’T”**

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A particular type of snow event known as Northwest Flow Snowfall occurs in eastern Tennessee and western North Carolina when it technically should NOT be happening, according to the large-scale weather pattern. However, the mountains within this region make it possible and the snowfall accumulation forecasts can be quite challenging due to the localized nature of the heaviest accumulation amounts. An ongoing field study has been running locally in an attempt to better understand some of the small-scale aspects of these events that might help with some of the forecasting uncertainties. The presentation will examine recent field and computer modeling results that are helping to quantify the limits of predictability for these snow events.

Monday, March 31, 2009, 4:00 pm
Brown Hall 261

Refreshments served at 3:45 pm