

## Solar Superstorms

Visualization excerpt

**\*\*Solar Plasma Interacting with Earth's Magnetic Field\*\***

A full-dome production by

**NCSA, University of Illinois**

**Thomas Lucas Productions**

**Spitz Creative Media**

## Solar Plasma Interacting with Earth's Magnetic Field

**Homa Karimabadi**

University of California San Diego

Center for Astrophysics and Space Sciences

**Mahidhar Tatineni**

San Diego Supercomputer Center

**Vadim Roytershteyn**

Space Science Institute

**Hoanh X. Vu**

University of California San Diego

**Amit Majumdar**

San Diego Supercomputer Center

## Visualization by

**Advanced Visualization Lab**

National Center for Supercomputing Applications

University of Illinois at Urbana-Champaign

Donna Cox

Kalina Borkiewicz

Jeff Carpenter

AJ Christensen

Stuart Levy

Robert Patterson

## yt visualization toolkit for volumetric data

**Matt Turk**

Research Scientist at the National Center for Supercomputing Applications

Research Assistant Professor in the Astronomy department

University of Illinois at Urbana-Champaign

Funded in part by:

National Science Foundation Award: ACI-1445176

The Centrality of Advance Dgitally Enabled Science: CADENS