#### BOSTON UNIVERSITY

Space Physics Seminar *A Joint Seminar with the Department of Physics* Monday, November 24, 2014

#### **3:15 pm** Refreshments CAS Room 500

#### **3:30 pm** Seminar CAS Room <u>522</u>

#### Next Week

- Paula Aspell WGBH
- NOVA Science

Joint Seminar: Astrophysics and Space Physics



http://www.bu.edu/iar/seminars/ current-seminars/

# Two Epochs of Cosmic Acceleration

## **David Spergel**

Princeton University Department of Astrophysical Sciences

### Abstract:

During the first moments of our universe, cosmic acceleration drove the inflationary expansion of the universe.

Today, our universe is again undergoing cosmic acceleration. We do not understand the "dark energy" that dominates the energy density of universe during either epoch. I will review the observational evidence for these two epochs, discuss open theoretical questions, and look forward to future measurements that might provide new insights.



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