

University of Toronto Department of Astronomy & Astrophysics  
in partnership with Ontario Science Centre and  
Astronomy & Space Exploration Society present...

# COSMIC FRONTIERS

*Celebrating a Century of Astronomy  
at the University of Toronto*

## PUB EVENTS & TELESCOPE OBSERVING:

Following each lecture, join speakers  
for lively discussion and libations at  
O'Grady's pub at 171 College St.,  
just across the street from Convocation Hall.

The Royal Astronomical Society of Canada  
(Toronto Centre) will set up telescopes  
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Stop to have a peek at the night skies!

All lectures are

**7 PM, FRIDAY EVENINGS**  
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## FRIDAY NIGHT LECTURES

September 23

### Beyond Einstein: The Dark Side of the Universe

Dark Matter and Dark Energy Determine  
our Cosmic Origin and Destiny

Rocky Kolb, University of Chicago

*American Astronomical Society Second Century Lecture*

September 30

### Way Too Cool: Tales of Stellar Corpses

What Neutron Stars Tell Us about the Nature of Matter

David Helfand, Columbia University

October 14

### Quest for Other Worlds and Prospects for Life

A Decade of Discovering Planets Around Nearby Stars

Debra Fischer, San Francisco State University

October 21

### In Search of the Cosmic Dawn

Let there be light!

Looking Back at the First Stars and Galaxies

Bob Abraham, University of Toronto

*University of Toronto Presidents' Circle Lecture*

