



# ASPEN CENTER FOR PHYSICS

## 2018 WINTER CONFERENCE COSMOLOGICAL SIGNALS FROM COSMIC DAWN TO THE PRESENT

February 4 - 10, 2018  
Sunday evening reception  
Meetings Monday through Friday Evening

The high redshift Universe is an area of active research in both theoretical and observational astrophysics. The meeting will be broad and cover several hot and rapidly evolving topics in the field including:

- Line intensity mapping
- The 21-cm signal from the epoch of reionization and cosmic dawn
- First UV and X-ray sources
- Physics of reionization and cosmic dawn

Discoveries in these fields are likely soon, and they will be transformational for our understanding of the Universe. The goal of this conference is to foster fruitful discussions between observers, theorists, and simulators working on these related areas.

**Application deadline is November 30, 2017**

**Please complete your application at:**

<http://www.aspenphys.org/physicists/winter/winterapps.html>

**Conference website:**

<https://www.cfa.harvard.edu/~afialkov/SignalsCosmicDawn.html>

#### ORGANIZERS:

Rennan Barkana, Tel Aviv University  
Judd D. Bowman, Arizona State University  
Tzu-Ching Chang, Jet Propulsion Laboratory  
\*Anastasia Flalkov, Harvard University  
Adam Lidz, University of Pennsylvania  
Anthony Pullen, New York University

*\*Denotes physicist in charge of diversity*

Proposals for the 2019 Winter Conferences are invited and must be submitted by January 15, 2018

The Aspen Center for Physics is committed to a significant participation of women and under-represented groups in all of its programs.

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The Aspen Center for Physics is supported by the National Science Foundation Grant No. PHY-1607611  
This meeting is also being supported by the Research Corporation for Scientific Advancement.