

## ASPEN CENTER FOR PHYSICS

## 2015 WINTER CONFERENCE CLOSING IN ON THE COSMOLOGICAL MODEL

March 8-13, 2015
Sunday evening reception
Meetings Monday morning through Friday evening

The past twenty years have been a period of tremendous progress in cosmology. We now have a simple cosmological model that fits a host of observations. Still, many open questions remain, some of which we may be on the verge of answering in the near future. Among these are the mass of neutrinos, the nature of dark energy, and the nature of the inflationary paradigm. In the community-wide effort to answer these questions, this year promises to be extraordinary. Several experiments have or will release results of lasting legacy, and these experiments should start to reach the required accuracy to answer some of these open questions. The purpose of the Aspen conference will be to assess the current state of cosmological constraints, to identify open issues in the interpretation of these data, and to draw lessons for the next generation of experiments.

## November 30 **Application deadline is November 15**, 2014

Please complete your application at: www.aspenphys.org Conference website: http://bccp.berkeley.edu/Aspen\_2015

## **ORGANIZERS:**

Olivier Dore, Jet Propulsion Laboratory Daniel Eisenstein, Harvard University Uros Seljak, University of California, Berkeley David N. Spergel, Princeton University Licia Verde, ICREA

Proposals for the 2016 Winter Conferences are invited and must be submitted by January 15, 2015

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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