ASPEN
CENTER FOR PHYSICS

2013 WINTER CONFERENCE
ON
ASTROPHYSICS
January 28 – February 3, 2013
Monday evening reception
Meetings Tuesday morning through Sunday noon

CLOSING IN ON DARK MATTER

Dark matter is a cornerstone of the cosmological Standard Model, but we only have evidence for it through its gravitational effects. Experimental results to date have provided inconclusive but tantalizing evidence for the particle nature of dark matter. In the coming months, experimental developments are expected to shed light on some of its fundamental properties. A significant advance in our understanding may follow. The complementary approaches to detecting dark matter are reaching sensitivities which will probe many dark matter theories. At the same time, there has been exciting new research elucidating the possible theoretical frameworks for dark matter. This Aspen Winter Workshop will focus on synthesizing these latest experimental results and theoretical developments, determining the implications for dark matter properties, and pinpointing future directions in this rapidly evolving field.

Application deadline is November 15, 2012

Conference Website: https://indico.cern.ch/conferenceDisplay.py?confId=197862

Please complete your application at www.aspenphys.org

ORGANIZERS:

Jodi Cooley, Southern Methodist University
Stefan Funk, Stanford University
Manoj Kaplinghat, University of California, Irvine
Jason Kumar, University of Hawaii
Jennifer Siegal-Gaskins, Caltech
Anyes Taffard, University of California, Irvine

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

Aspen Center for Physics
700 West Gillespie Street
Aspen, CO 81611

phone: 970.925.2585 fax: 970.920.1167 email: jane@aspenphys.org

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