

Session Program

28 January 2013 to 3 February 2013

Aspen 2013 - Closing in on Dark Matter

Theory-Pheno

Aspen Center for Physics, Flug Forum
700 W. Gillespie Street Aspen, CO 81611

Tuesday 29 January

16:30

Theory-Pheno: 1

Session | **Location:** Aspen Center for Physics, Flug Forum, 700 W. Gillespie Street Aspen, CO 81611

16:30–16:55

Complementarity of Searches for Dark Matter

Speaker

Tim Tait

16:55–17:20

On the annual modulations in direct-detection experiments and the DAMA results

Speaker

Itay Yavin

17:20–17:45

Importance of upgraded energy reconstruction for direct dark matter searches with liquid xenon detectors

Speaker

Peter Sorensen

17:45

Thursday 31 January

16:30

Theory-Pheno: 3

Session | **Location:** Aspen Center for Physics, Flug Forum, 700 W. Gillespie Street Aspen, CO 81611

16:30–16:55 **The Search for Dark Matter Debris**

Speaker

Mariangela Lisanti

16:55–17:20 **Flavored Dark Matter: Direct Detection and Collider Signals**

Speaker

Zacharia Chacko

17:20–17:45 **Dark Dynamics in Theory Space and Their Signals in Anomaly Space**

Speaker

Neal Weiner

17:45

Friday 1 February

09:45

Theory-Pheno: 4

Session | **Location:** Aspen Center for Physics, Flug Forum, 700 W. Gillespie Street Aspen, CO 81611

09:45–10:10 **Probing dark matter streams with direct detection experiments**

Speaker

Aravind Natarajan

10:10–10:35 **Beyond Collisionless Dark Matter**

Speaker

Hai-bo Yu

10:35–11:00 **Beyond CDM: The Cosmology of Atomic Dark Matter**

Speaker

Francis-Yan Cyr-Racine

11:00

16:30

Theory-Pheno: 5

Session | **Location:** Aspen Center for Physics, Flug Forum, 700 W. Gillespie Street Aspen, CO 81611

16:30–16:55

An Unexpected Journey: The Implications of the Detection of Continuum Energy Gamma-rays Consistent with Dark Matter Annihilation in the Galactic Center

Speaker

Kevork Abazajian

16:55–17:20

Bubbles And Bumps: Disentangling Two Spectral Components In The Fermi Bubbles

Speaker

Tracy Slatyer

17:20–17:45 **Aspects of Iso-spin violating dark matter**

Speaker

Danny Marfatia

17:45

Saturday 2 February

16:30

Theory-Pheno: 6

Session | **Location:** Aspen Center for Physics, Flug Forum, 700 W. Gillespie Street Aspen, CO 81611

16:30–16:55 **Axion, WIMP and collider search complementarity**

Speaker

Howie Baer

16:55–17:20 **Dark Matter at Colliders**

Speaker

Lian-Tao Wang

17:20–17:55 **ATLAS**

Speaker

Daniel Whiteson

17:55