U.S. Cosmic Visions: New Ideas in Dark Matter

Thursday, 23 March 2017 - Saturday, 25 March 2017

Stamp Student Union, University of Maryland, College Park

Scientific Programme

The workshop will involve four working groups as listed below. If you are interested in contributing to any of these working groups, please contact the conveners.

New avenues in direct detection: e.g., sub-GeV, electron recoil. Conveners:

Rouven Essig, Stony Brook (rouven.essig@stonybrook.edu).

Juan Estrada, Fermilab (estrada@fnal.gov).

Dan Mckinsey, UC Berkeley (daniel.mckinsey@berkeley.edu).

Ultra-low mass (sub-eV) dark matter detection. Conveners:

Aaron Chou, Fermilab (achou@fnal.gov).

Peter Graham, Stanford (pwgraham@stanford.edu).

Dark matter production at fixed target and collider experiments. Conveners:

Bertrand Echenard, Caltech (echenard@caltech.edu).

Eder Izaguirre, Brookhaven (eder@bnl.gov).

New Candidates, Targets, and Complementarity. Conveners:

Jonathan Feng, UC Irvine (jlf@uci.edu).

Patrick Fox, Fermilab (pjfox@fnal.gov).

The scientific advisory committee is:

Marco Battaglieri (co-chair), INFN (battaglieri@ge.infn.it)

Roni Harnik, Fermilab (roni.harnik@gmail.com)

Matt Pyle, UC Berkeley (mpyle1@berkeley.edu)

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Kathryn Zurek, Lawrence Berkeley National Lab (kmzurek@lbl.gov)