



## PRINCETON CENTER FOR THEORETICAL SCIENCE

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The Princeton Center for Theoretical Science (PCTS) will host a one-day dark matter workshop next Wednesday, April 27. The workshop is intended as an opportunity for experimentalists and theorists to discuss the implications of the recently published dark matter limits of the Xenon100 experiment.

The workshop will take place at PCTS, located on the 4th floor of Jadwin Hall, and a preliminary outline of discussion topics is included below. All are welcome to attend. Lunch will be provided, so please rsvp to [mlisanti@princeton.edu](mailto:mlisanti@princeton.edu) if you plan to come and will be staying for lunch.

### Preliminary Schedule:

- 9:30 - 10:00 : Coffee
- 10:00 - 12:30 : Overview of Xenon100 results  
Overview of CDMS results
- 12:30 - 1:30 : Lunch
- 1:30 - 3:30 : Can current direct detection anomalies be reconciled?  
(Experimental and theoretical considerations)
- 3:30 - 4:00 : Coffee break
- 4:00 - 5:00 : Implications for LHC experiments