

Dark Matter: Parallel Schedule

Parallel 1 May 29: Dark Matter and Hadronic Systems

1. 20': **[32]** *The Dark Matter Interpretation of the Neutron Decay Anomaly*
Bartosz Fornal, UC San Diego
2. 20': **[58]** *Search for dark decay of the free neutron from the UCNA experiment*
Christopher Swank, Caltech
3. 20': **[21]** *Dark decay of the neutron*
Jonathan Cornell, McGill
4. 20': **[99]** *Composite dark matter*
Enrico Rinaldi, BNL
5. 20': **[359]** *Sexaquark Dark Matter*
Glennys Farrar, New York U

Parallel 2 May 29: Axions and Light Mass Dark Matter

1. 20': **[331]** *Experimental signals of ultralight dark matter*
Surjeet Rajendran, UC Berkeley
2. 20': **[273]** *Recent results from the Axion Dark Matter eXperiment (ADMX)*
Gianpalo Carosi, LLNL
3. 20': **[357]** *Status and future plans for the HAYSTAC Experiment*
Karl Van Bibber, UC Berkeley
4. 20': **[241]** *DM Radio: An optimized resonant search for axion and hidden-photon dark matter*
Saptarshi Chaudhuri, Stanford U
5. 20': **[57]** *ABRACADABRA: A new approach to the search for axion dark matter*
Jonathan Ouellet, MIT
6. 20': **[228]** *Probing sub-GeV dark matter with superfluid helium*
Daniel McKinsey, UC Berkeley
7. 20': **[184]** *The Light Dark Matter eXperiment*
Omar Moreno, SLAC

Parallel 3 May 30: Accelerator Searches for DM (DM/PHE)

1. 30': **[38]** *Dark matter searches with the ATLAS detector*
Young-Kee Kim, U Chicago
2. 30': **[353]** *Mono-X searches with the CMS detector*
Sid Narayanan, MIT
3. 20': **[39]** *Searches for dark matter mediators with the ATLAS Detector*
Peter McNamara, U Melbourne
4. 20': **[354]** *Searches for dark matter mediators with the CMS Detector*
Javier Duarte, FNAL

Parallel 4 May 30: Dark Photons (DM/PPHI)

1. 20': **[297]** *Hidden Sectors and Dark Photons*
Stefania Gori, U Cincinnati
2. 20': **[60]** *Searches for hidden sectors with BABAR*
Brian Shuve, Harvey Mudd
3. 20': **[8]** *Direct search for dark photons and dark Higgs with the SeaQuest*

Spectrometer at FermiLab

Sho Uemura, Fermilab

4. 20': **[16]** *The Beam Dump eXperiment*
Mariangela Bondi, INFN/Catania
5. 20': **[351]** *Search for light dark matter with the MESA*
Luca Doria, Mainz
6. 20': **[265]** *Searching for new forces with Dark Light*
Ross Corliss, MIT
7. 20': **[260]** *Resonance search for a heavy photon with the Heavy Photon Search Experiment*
Omar Moreno, SLAC
8. 20': **[366]** *The APEX experiment at Jefferson Lab: A search for a new vector boson dark*
Seamus Riordan, ANL

Parallel 5 May 31: Light Mass Dark Matter

1. 20': **[358]** *Supernova 1987A Constraints on sub-GeV particles*
Sam McDermott, Fermilab
2. 20': **[262]** *Initial dark matter results from the SuperCDMS single-charge sensitive detectors*
Francisco Ponce, Stanford
3. 20': **[64]** *Status and prospects of CDEX 10*
Qian Yue, Tsinghua U
4. 20': **[371]** *SENSEI experiment for direct search of light dark matter*
Guillermo Fernandez Moroni
5. 20': **[300]** *The 3.5 keV line*
Kev Abazajian, UC Irvine

Parallel 6 May 31: High Mass Dark Matter

1. 20': **[332]** *Searching for ultra-heavy dark matter*
Surjeet Rajendran, UC Berkeley
2. 20': **[324]** *Results from DarkSide*
Luca Pagani, UC Davis
3. 20': **[239]** *Results and plans for the PICO dark matter bubble chamber*
Tony Noble, Queens U
4. 20': **[101]** *The Latest Analyses of the LUX Dark Matter Project*
Matthew Szydagis, U Albany
5. 20': **[271]** *Lux Sensitivity to Effective Theory Operators*
Nicole Larsen, U of Chicago
6. 20': **[202]** *Position reconstruction using photon timing for the DEAP-3600 liquid argon dark matter experiment*
Yu Chen, Univ Alberta
7. 20': **[307]** *The DM-Ice and COSINE-100 Tests of DAMA*
Reina Maruyama, Yale

Parallel 7 June 1: Dark Matter in Astrophysics

1. 30': **[335]** *Dark Matter Interpretation of the galactic center gamma ray excess*
Ryan Keeley, UC Irvine
2. 30': **[224]** *GAPS: A new cosmic ray anti-matter experiment*

Sean Quinn, UCLA

3. 20': **[164]** *Cosmological bounds on non-Abelian dark forces*

Lindsay Forestell, U British Columbia

4. 20': **[155]** *Signatures of superradiant axions from lasing and binary merger events*

Srimoyee Sen, U Washington