

Physics

Papers:

- [A Theory of Dark Matter](#) (Arkani-Hamed, Finkbeiner, Slatyer, Weiner)
- [Search for Dimuon Decays of a Light Scalar in Radiative Transitions \$\Upsilon\(3S\) \rightarrow \gamma A0\$](#) (BaBar Collaboration)
- [Probing Dark Forces and Light Hidden Sectors at Low-Energy \$e^+e^-\$ Colliders](#) (Essig, Schuster, Toro)
- [Searching for the light dark gauge boson in GeV-scale experiments](#) (Reece and Wang)
- [New Fixed-Target Experiments to Search for Dark Gauge Forces](#) (Bjorken, Essig, Schuster, Toro)
- [Exploring Portals to a Hidden Sector Through Fixed Targets](#) (Batell, Pospelov, Ritz)
- [The Low-Energy Frontier of Particle Physics](#) (Jaeckel and Ringwald)
- [Consistent Scenarios for Cosmic-Ray Excesses from Sommerfeld-Enhanced Dark Matter Annihilation](#) (Finkbeiner, Goodenough, Slatyer, Vogelsberger, Weiner)
- [Search for light gauge bosons of the dark sector at MAMI](#) (H. Merkel, et al.)
- [Search for a New Gauge Boson in Electron-Nucleus Fixed Target Scattering by the APEX Experiment](#) (S. Abrahamyan, et al.) [arXiv](#)

Talks:

- Preliminary KLOE Results (12/6/2010) - [pdf](#)
- Talk by Neil Weiner at JLab PAC37 (1/11/2011) - [pdf](#)

Links:

- [Talks at Dark Forces Workshop at SLAC \(9/2009\)](#)
- [Talks at JLab PAC37 \(1/11/2011\)](#)