

PUBLICATIONS LIST

RICHARD KNOCHE

1. D. S. Akerib *et al.* [LUX Collaboration], “Results from a search for dark matter in LUX with 332 live days of exposure,” arXiv preprint arXiv:1608.07648 (2016). Submitted to Phys. Rev. Lett.
2. D. S. Akerib *et al.* [LUX Collaboration], “Low-energy (0.7-74 keV) nuclear recoil calibration of the LUX dark matter experiment using DD neutron scattering kinematics,” arXiv preprint arXiv:1608.05381 (2016). Submitted to Phys. Rev. C.
3. D. S. Akerib *et al.* [LUX Collaboration], “Chromatographic separation of radioactive noble gases from xenon,” arXiv preprint arXiv:1605.03844 (2016). Submitted to Astropart. Phys.
4. D. S. Akerib *et al.* [LUX Collaboration], “Results on the Spin-Dependent Scattering of Weakly Interacting Massive Particles on Nucleons from the Run 3 Data of the LUX Experiment,” Phys. Rev. Lett. **116**, no. 16, 161302 (2016)
5. D. S. Akerib *et al.* [LUX Collaboration], “Improved Limits on Scattering of Weakly Interacting Massive Particles from Reanalysis of 2013 LUX Data,” Phys. Rev. Lett. **116**, no. 16, 161301 (2016)
6. D. S. Akerib *et al.* [LUX Collaboration], “Tritium calibration of the LUX dark matter experiment,” Phys. Rev. D **93**, no. 7, 072009 (2016)
7. D. S. Akerib *et al.* [LUX Collaboration], “FPGA-based Trigger System for the LUX Dark Matter Experiment,” Nucl. Instrum. Meth. A **818**, 57 (2016)
8. D. S. Akerib *et al.*, “Radiogenic and Muon-Induced Backgrounds in the LUX Dark Matter Detector,” Astropart. Phys. **62**, 33 (2015)
9. D. S. Akerib *et al.* [LUX Collaboration], “First results from the LUX dark matter experiment at the Sanford Underground Research Facility,” Phys. Rev. Lett. **112**, 091303 (2014)
10. D. S. Akerib *et al.* [LUX Collaboration], “The Large Underground Xenon (LUX) Experiment,” Nucl. Instrum. Meth. A **704**, 111 (2013)
11. D. S. Akerib *et al.* [LUX Collaboration], “Technical Results from the Surface Run of the LUX Dark Matter Experiment,” Astropart. Phys. **45**, 34 (2013)