

Updates and latest results of the SENSEI experiment

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The sub-electron resolution of Skipper-CCDs enables the detection of energy transfers as low as a few eV, such as what is expected from sub-GeV dark matter interacting with electrons in a silicon target. SENSEI pioneered implementing these sensors in rare-event searches, producing several world-leading results with this technology and setting a new benchmark with the lowest reported dark current in a silicon detector. In this talk, we present SENSEI's status and discuss recent results.

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