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## **Skipper-CCDs: current applications and future**

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Scientific Charge-Coupled Devices (CCDs) have been widely used in astronomy and particle physics due to their great spatial resolution and sensitivity to low-energy signals. The skipper-CCD, a recently developed sensor, allows to measure single-electron signals with sub-electron noise, making its application very attractive in experiments where a low-energy threshold is required. In this talk I will describe the skipper-CCD technology and discuss its current usage in dark matter and neutrino experiments. Furthermore, I will give an overview of the ongoing efforts for constructing multi-kg experiments with skipper-CCDs.

### **Collaboration**

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