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Low-Light Photosensor Applications in Plant Imaging & Personal Radiation Detection

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Silicon photomultipliers - also known as Multi-pixel Photon Counters (MPPCs) - are a type of photodetector that have shown great potential for many applications such as nuclear and particle physics, nuclear medicine, biophotonics, outer space, military, atmospheric or automotive distance control lidar, radioactivity detection and monitoring, and nuclear hazard/threat detection. Out group has embarked on the application of these devices to two areas: plant imaging and personal radiation detectors for first responders and general consumers.

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