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SiPM-based Detectors for Future Space Missions... and Beyond

The Instrumentation Division of the Technological Unit hosts a multidisciplinary team of physicists and engineers dedicated to developing advanced detectors for various fields, including particle physics, astrophysics, medical imaging, and chemistry. In recent years, we've developed an innovative technology that positions us uniquely to contribute to the early stages of future space missions. In this presentation, I will highlight our current contributions to key experiments such as HERD, APT, and LISA, and discuss exciting future opportunities that may lead to collaborations with other ICCUB groups.

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