

## **Silicon Drift Detectors for exotic atom precision measurements, SIDDHARTA 2 experiment**

SIDDHARTA 2 Collaboration aims to perform the first measurement of the kaonic Deuterium at DAFNE Collider of INFN-LNF.

In order to do this, new spectroscopic Silicon Drift Detectors (SDDs) system has been developed. We present a detailed characterization of the SDDs system concerning stability, energy and time resolution in the range of the X Rays going from about 3 KeV to 20 KeV.

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