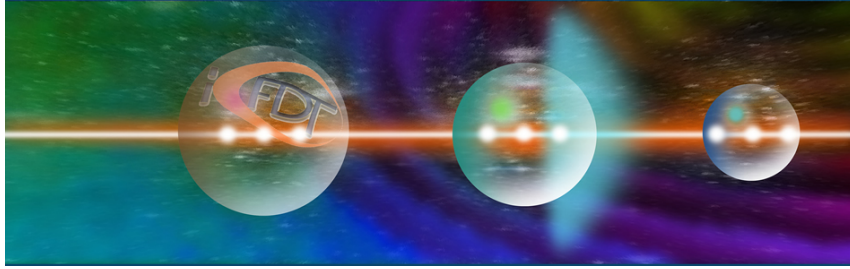


ICFDT5 - 5th International Conference on Frontier in Diagnostic Technologies



Contribution ID: 49

Type: **Talk**

PIX-based detectors

Wednesday, 3 October 2018 17:35 (20 minutes)

The Medipix collaboration has developed during last years few chips able to readout silicon sensors with high space resolution (50x50 microns). Medipix, Timepix and Timepix3 are the best and the most used. Recently some other detectors have been coupled to this ASICs like GEMs and Diamonds. A review of these new pix-based detectors will be presented with their performances and applications. In particular their use as beam monitors in medical application, accelerator and plasma physics will be discussed.

Summary

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Presenter: Dr MURTAS, Fabrizio (LNF)

Session Classification: Fast particles