



Contribution ID: 59

Type: **not specified**

Industrial Presentation: X-Ray photon counting detectors from imXPAD

Friday, 6 July 2012 11:00 (10 minutes)

The imXPAD company was launched in May 2010 for the design and fabrication of “XPAD” hybrid pixel detectors. The company is now producing different sizes of XPAD silicon detectors, from 7.5 x 1.5 cm² to 15 x 15 cm². Number of detectors have already been delivered to synchrotrons (SOLEIL, ESRF, ALBA,...) and laboratories (CRM2 Nancy France, ECP Paris France, Xenocs Grenoble France...). Special requirements like vacuum compatible or U-shape detectors can also be satisfied. For high energy X-rays, special conversion crystals like CdTe and GaAs are under study and will be available by the end of the year.

The status of the imXPAD company will be given and the XPAD detectors will be described as well as typical experiments.

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Session Classification: Direct detection area detectors for storage rings II

Track Classification: Direct detection area detectors for storage rings