

## **3D-FBK pixel sensors: overview of recent results with proton and neutron irradiated sensors**

*Thursday 18 November 2010 16:40 (20 minutes)*

3D Silicon sensors fabricated at FBK-irst with Double-side Double Type Column approach and columnar electrodes only partially etched through p-type substrates have been irradiated and tested in laboratory and with 120 GeV pion beam at CERN SPS. We will present an overview of recent results from laboratory tests obtained with devices irradiated with protons and neutrons up to  $5 \times 10^{15}$  neq/cm<sup>2</sup>.

**Primary author:** Mr MICELLI, Andrea (Universita degli Studi di Udine)

**Presenter:** Mr MICELLI, Andrea (Universita degli Studi di Udine)

**Session Classification:** 3D sensors