

Silicon-Gas Pixel Detector

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The proposed device combines the advantages of Silicon and Gas-pixel detectors. 7 micron space resolution and down to 0.2 degree both angles measurements are inside 10 mm thick and very low material detector. Binary readout, advanced data collection and preliminary analysis logic allow to obtain all the information in less than 1 microsecond and to use it for the fast trigger generation.

Primary author(s) : Dr. BASHINDZHAGYAN, GEORGY (Lomonosov Moscow State University)

Co-author(s) : Dr. ROMANIOUK, Anatoli (National Research Nuclear University MEPhI (Moscow Engineering Physics Institute), Kashirskoe highway 31, Moscow, 115409, Russia); Dr. KOROTKOVA, Natalia (Lomonosov Moscow State University); Dr. SINEV, Nikolai (University of Oregon, Eugene, OR 97403-1274, USA); Dr. TIKHOMIROV, Vladimir (P.N.Lebedev Physical Institute, Russian Academy of Sciences)

Presenter(s) : Dr. BASHINDZHAGYAN, GEORGY (Lomonosov Moscow State University)

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