



DESY Seminar

21 November 2006, 17:00, DESY Hörsaal

Erika Garutti (DESY)

Silicon-Photomultipliers technology and their application in high energy physics detectors

In the first part of this talk I will present the working principle of a new type of photo-detector, the Silicon Photomultiplier (SiPM). I will give an overview of the existing versions available on the market, underlining the important parameters for their comparison. In the second half I will focus on the manifold applications of this device in detector development, both in the field of high energy physics and in other fields, as medicine or astrophysics.

- Tea and cookies will be served at 16:45 in the lobby.
- After the seminar there is a chance for private discussions with the speaker over wine and pretzels also in the lobby.