



Contribution ID: 31

Type: **Contributed Poster**

Fast Scintillator Strip Position Detector with R7400 Photomultipliers Readout used in ZEUS Experiment at HERA II Collider

Thursday 15 September 2005 10:30 (30 minutes)

A position sensitive scintillator strip detector used for the Luminosity Monitor of the ZEUS experiment is described. The detector readout based on the R7400 photomultipliers is presented. It offers satisfactory spatial resolution of 3 mm and a good signal to noise ratio that allows to run at the rate up to 10 MHz. The data obtained with the position detector are used for luminosity measurement and also for the monitoring and on-line correction of the HERA II beams.

Author: Mr KOTARBA, Andrzej (Polish Academy of Sciences)

Presenter: Mr KOTARBA, Andrzej (Polish Academy of Sciences)

Session Classification: P : Coffee and Poster Session

Track Classification: Applications in Particle Physics