



Contribution ID: 39

Type: **not specified**

## **BI developments using Timepix3**

*Wednesday 3 February 2021 09:20 (15 minutes)*

Timepix3 hybrid pixel detectors are used in the beam gas ionization profile monitors (BGI) in the primary vacuum of the PS together with a radiation tolerant readout system. Such detectors and readout system could also be used for beam loss and radiation monitoring. The capabilities of the Timepix3 and the readout will be discussed in this talk in the context of beam instrumentation.

**Presenter:** SANDBERG, Hampus (CERN)

**Session Classification:** Developments