

Low Level RF Workshop 2022



9-13 Oct 2022, Brugg-Windisch, Switzerland



Contribution ID: 25

Type: **Poster**

PETRA IV 500MHz LLRF system

Wednesday, October 12, 2022 2:39 PM (1 minute)

For the new PETRA IV project at DESY a new LLRF system based on MicroTCA.4 is foreseen. It will be used to control 24 cavities at 500MHz and 24 cavities at 1.5GHz. In this contribution we will present the setup of a first prototype of the LLRF system for the single cavity LLRF system operating at 500MHz continuous wave.

Primary authors: EISLAGE, Arvid (DESY); MASCHEWSKI, Frank (DESY); TAMRAS, Hilda (DESY); SCHLARB, Holger (DESY); BRANLARD, Julien (DESY); HIERHOLZER, Martin (DESY); HOFFMANN, Matthias (DESY); ONKEN, Ruediger (DESY); WILKE, Stefan (DESY); PFEIFFER, Sven (DESY)

Presenter: HOFFMANN, Matthias (DESY)

Session Classification: Poster Session

Track Classification: Low Level RF Workshop 2022