



Contribution ID: 282

Type: poster

## The CLEAR User Facility at CERN

*Monday, 25 September 2017 19:30 (1 hour)*

The conversion of the CALIFES beam line of CTF3 into the “CERN Linear Electron Accelerator for Research” (CLEAR) facility was approved in December 2016.

The primary focus for CLEAR is general accelerator R&D and component studies for existing and possible future accelerator applications. This includes studies for high gradient acceleration methods, e.g. for CLIC and plasma technology, and prototyping and validation of accelerator components, e.g. for the HL-LHC upgrade. The facility also provides irradiation test capabilities for characterisation of electronic components and for medical applications.

A description of the facility with details on the achievable beam parameters and the scientific program for this year, together with the present status, will be presented.

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**Session Classification:** Wine and Poster Session 1(WG1-WG2-WG3-WG8)

**Track Classification:** WG8 - Advanced and novel accelerators for High Energy Physics