



Contribution ID: 1

Type: **not specified**

Status and developments of the ALBA RF system

Wednesday, November 8, 2023 12:00 PM (20 minutes)

ALBA is a 3rd generation synchrotron light source located in Barcelona, Spain and in operation since 2012. The storage ring RF system consists of six HOM-damped normal conducting cavities, fed with IOT based transmitters able to deliver up to 160 kW each. The booster counts with one 5-cell PETRA type cavity fed with a SSPA delivering up to 50 kW. This presentation aims to summarize the experience and statistics of the operation since the last RF meeting and also to present the developments done in the framework of the accelerator upgrade project to ALBA-II, including the active 3rd harmonic cavity commissioning.

Primary author: SOLANS, Pol (ALBA Synchrotron)

Presenter: SOLANS, Pol (ALBA Synchrotron)

Track Classification: 26th ESLS RF Workshop