Contribution ID: **12** Type: **not specified**

Irradiation facilities at CNA for electronics testing

Wednesday, 9 December 2020 11:20 (15 minutes)

The National Centre for Accelerators (CNA - US/CSIC/JA) is one of the Unique Scientific and Technical Infrastructures, declared in Spain. Nowadays, the irradiation testing is one of the strategic lines of this research center and the facility is open to other institutions and private companies.
The progress of different national research projects has contributed significantly to consolidate the CNA irradiation unit, with especial emphasis on the testing of electronic components and devices to be used in aerospace projects. Recently, it has been also developed a new system to allow low and high temperature irradiation testing. We will present three of the CNA laboratories available to carry out different irradiation tests; which are based on two low LET accelerators and one gamma irradiation system.

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Session Classification: Session 1 - Space environment and corresponding facilities