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Status of the test bench for the PIP-II LB650 cryomodules at CEA

Thursday 29 August 2024 16:00 (2 hours)

The Proton Improvement Plan II (PIP-II) project at Fermilab is the first U.S. accelerator project that will have significant in-kind contributions (IKC) from international partners. As a part of the French IKC to this project, CEA will provide ten 650 MHz low-beta cryomodules (LB650) equipped with cavities from INFN-LASA (Italy), Fermilab (USA), and DAE-VECC (India), and power couplers and RF tuning systems from Fermilab. CEA is in charge of the design, manufacturing, assembly, and testing of these cryomodules. This paper presents the progress of the future implementation of the test stand dedicated to the cryogenic and RF power testing of the LB650 cryomodules.

Footnotes

Funding Agency

Primary author: JENHANI, Hassen (Commissariat à l'Energie Atomique et aux Energies Alternatives)

Co-authors: ARCAMBAL, Christian (Commissariat à l'Energie Atomique); SIMON, Claire (Commissariat à l'Energie Atomique); DEVANZ, Guillaume (Commissariat à l'Energie Atomique); MAURICE, Luc (Commissariat à l'Energie Atomique); BAZIN, Nicolas (Commissariat à l'Energie Atomique); PIQUET, Olivier (Commissariat à l'Energie Atomique); SAHUQUET, Patrick (Commissariat à l'Energie Atomique); BREDY, Philippe (Commission à l'Energie Atomique); BERTRAND, Quentin (Commissariat à l'Energie Atomique et aux Energies Alternatives)

Presenter: JENHANI, Hassen (Commissariat à l'Energie Atomique et aux Energies Alternatives)

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