Contribution ID: 116 Contribution code: TUZA003 Type: Invited Oral Presentation

The progress of CiADS linac and first beam acceleration

Tuesday 27 August 2024 14:40 (20 minutes)

CiADS is the world's first Accelerator Driven System under construction with a Mega-watt beam power. The linac of CiADS is designed to accelerate a 500 MeV and 5 mA proton beam with five-family superconducting resonators. The facility was lunched from mid 2021 and the hardware has finished the development of the prototype. In this presentation, we will present the physical design of the superconducting linac, progress of key hardware and the first beam acceleration from normal conducting fronted.

Footnotes

Funding Agency

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Session Classification: Main Session TUZ

Track Classification: MC3: Proton and Ion Accelerators and Applications: MC3.4 Proton linac

projects