



Contribution ID: **21** Contribution code: **TUBI2**

Type: **Invited Oral Presentation**

Beam instrumentation performance during commissioning of LIPAc

Tuesday, 10 September 2024 11:20 (30 minutes)

In summer 2024, LIPAc will end its commissioning of Phase B+ after several months of operations. The phase has been focused on the increase of the duty cycle in 5 MeV deuteron operation to validate the different components of the accelerator. The various beam instrumentation systems were tested in depth in order to confirm their performances and limits. The present contribution exposes the different results and feedback obtained with the beam instrumentation during the operations. These outcomes are already useful to prepare the next and challenging Phase C and will contribute to the designs of the onward accelerator-based neutron sources. A few remarks on the beam instrumentation performance during commissioning of LIPAc will be presented.

Footnotes

Funding Agency

I have read and accept the Privacy Policy Statement

Yes

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Session Classification: TUB: Overview and Commissioning/Transverse Profile and Emittance Monitors

Track Classification: MC9: Overview and Commissioning