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Impact of the neutral molecule trapping on beam lifetime and beam profile

Wednesday, 10 May 2023 16:30 (2 hours)

This proceeding addresses the effect of the neutral molecules trapped by the beam. It is in particular discussed the effect of a non-uniform neutral molecule distribution on the beam profile and the resulting beam lifetime. According to the trapping temperature it is discussed in a general framework how the beam profile is modified. and the consequent beam loss.

Funding Agency

Footnotes

I have read and accept the Privacy Policy Statement

Yes

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