24th Australian Institute of Physics Congress



Contribution ID: 540

Type: Talk (preferred)

Fixed Field Accelerators for Particle Therapy

Tuesday 13 December 2022 15:15 (15 minutes)

Fixed Field Accelerators offer potential advantages for particle therapy, however many challenges remain. We address the problem of resonance crossing during acceleration, showing that beam stability can be maintained by fixing the normalised focusing strength.

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Session Classification: AIP: Nuclear and Particle Physics

Track Classification: AIP Congress: AIP: Nuclear and Particle Physics