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Simulation of dose rates for MeNS - table top accelerator at Manipal using FLUKA

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Proceedings of the twenty second national symposium on radiation physics: abstract book

2019

Abstract

[en] A 50-kV indigenously designed tabletop accelerator (TTA) has recently been fabricated and installed at Manipal Centre for Natural Sciences (MCNS), Manipal Academy of Higher Education (MAHE) with the technical support of the design team from Inter-University Accelerator Centre, Delhi. The MCNS-TTA is equipped with a cold plasma-based Penning Ionization Gauge (PIG) ion source

Primary Subject

[PARTICLE ACCELERATORS \(S43\)](#)

Source

University Science Instrumentation Centre, Jawaharlal Nehru University, New Delhi (India); Indian Society for Radiation Physics, Mumbai (India); 216 p; 2019; p. 56; NSRP-22: 22. national symposium on radiation physics; New Delhi (India); 8-10 Nov 2019

Record Type

Book

Literature Type

Conference

Country of publication

[India](#)

Descriptors (DEI)

[ACCELERATOR EXPERIMENTAL FACILITIES](#), [DESIGN](#), [DOSE RATES](#), [ENGINEERING DRAWINGS](#), [FEASIBILITY STUDIES](#), [PENNING ION SOURCES](#), [RADIATION EFFECTS](#)

Descriptors (DEC)
DIAGRAMS, INFORMATION, ION SOURCES, PLASMA ION SOURCES
Language
English
Reference Number
54050373
Related Record
54050317
INIS Volume
54
INIS Issue
21

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