

Electron accelerators design and construction at Lomonosov Moscow State University

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The report presents the results of the development of linear electron accelerators with energy from up to 10 MeV, performed at the Skobeltsyn Institute of Nuclear Physics, Lomonosov Moscow State University, as well as in Laboratory of Electron Accelerators MSU. Over the past year, more than 30 accelerators of six different types have been delivered to customers. Linear accelerators for mobile, stationary and train cargo inspection systems with interlaced energies and pulse repetition rate up to 2 kHz, accelerators for radiography, a sterilization accelerator with beam parameters that are adjustable over a wide range, and an accelerator for a radiotherapy complex are described.

The speaker is a student or young scientist

No

Section

1. Design and development of charged particle accelerators and ionizing radiation sources

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