

Production of metal ion beams from DECRIS-3 ion source

Thursday, 12 November 2020 15:00 (15 minutes)

The article describes the experiments carried out up 2018 to 2019 at the accelerator complex DC-60 of Astana branch of the INP (Alma-Ata, Kazakhstan Republic), to develop methods for production of intense beams of metals with the use of volatile organometallic compounds (Metal Ions from Volatile Compounds) –MIVOC. As a result of performed work for the first time at DC-60 cyclotron a beams of nickel, silicium, cobalt, chrome, titanium, germanium and hafnium ions were produced.

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Session Classification: Particle accelerators and nuclear reactors

Track Classification: Particle Accelerators and Nuclear Reactors