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## BEAM EXTRACTION SYSTEM FROM DC110 CYCLOTRON

*Friday, 11 May 2012 11:10 (20 minutes)*

The heavy ion beams Ar, Kr and Xe with fixed energy 2.5 MeV/amu extracted from DC110 cyclotron. The beam extraction is performed by an electrostatic deflector placed in the valley. In order to compensate the radial beam defocusing caused by the high gradient of the fringing magnetic field passive magnetic channel, located in hill, are used. The parameters of extraction system elements (electrostatic deflector and focusing magnetic channel) and diagnostic elements are presented.

### **Please indicate preferred presentation (poster or talk?)**

poster

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