



Contribution ID: 56

Type: **not specified**

Low-Z septa (C wires, Ti cathodes, tanks) 15+5'

Friday 10 November 2017 15:00 (20 minutes)

In the framework of the CERN Beam Dump Facility (BDF) it is mandatory to limit the activation of the slow extraction equipment installed in the SPS to allow reasonable intervention times in case of need, as well as to limit dose for maintenance personnel in general. The talk will explore possibilities to limit the residual activation of the extraction equipment, the electrostatic septa in particular, by choosing suitable construction materials. The talk will conclude with a proposal for an innovative low activation test facility

Presenter: BORBURGH, Jan (CERN)

Session Classification: Session 4: Hardware: reducing loss, activation and dose