

INSTALLATION AND FIRST BEAM OF SPES SOURCE AT INFN-LNL

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Abstract

Since the fall of 2000 proton beams are available from the source TRIPS, a high intensity microwave discharge ion source, the goal of which is the injection of a proton current of 40 mA in the following RFQ, with a rms normalized emittance lower than $0.2\pi\text{mm-mrad}$ for an operating voltage of 80 kV. TRIPS has recently moved to LNL and it is now under commissioning.

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