



Contribution ID: 256

Type: Oral

Status of the 1st Radiographic Axis of the Epure Facility

Wednesday 21 June 2017 10:00 (15 minutes)

Epure is a shared French and British hydrodynamic experiment facility, in use since 2014 with one radiographic machine, previously called Airix and installed in a former French facility.

This linear induction accelerator has been moved and refurbished over the course of years 2013-2014, and operated with success and reliability since then. Special care has been given to maintenance optimization and quality to achieve these results.

Of particular notice are the good performances obtained with different developed operating points in terms of dose and focal spot characteristics, which enabled a series of successful hydro experiments.

Betterments are envisioned as a way of careful control of all parameters involved in radiographic performance and in preparation of multi-axis operation.

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Session Classification: Oral session 14 - High-Current Accelerators - Session Chair: Frédéric Bayol

Track Classification: Particle Beam and Accelerator Technologies