

Topical Workshop on Diagnostics for Ultra-Low Emittance Rings (TW-DULER)



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Experience with Hydrostatic Levelling Systems at Diamond

Friday 20 April 2018 13:30 (30 minutes)

In this talk we review measurements obtained with a Hydrostatic Levelling System (HLS) at Diamond. Two versions have been installed, the first of which ran along the length of a single beamline, and the second followed the full circumference of the storage ring inside the tunnel. The construction of the Diamond facility, details of the HLS system, results from both systems and experience gained are all discussed.

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