

The Megajoule Laser Program : Fusion at hand.

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The Laser Integration Line (LIL) facility is currently a 4-beam prototype for LMJ. The purpose of LIL and of these experiments is to show that the previously untested features of the LMJ laser design will perform as projected at LMJ scale and that the laser is therefore ready for final engineering design. LIL Quad beam waist was recorded for various pulse durations, smoothing techniques and for a wide range of laser intensities up to LMJ-nominal ones [1]. Now, LIL quad has been commissioned to the centre of the target chamber and the first plasma experiments are being made.