

About the Cover:

In OMEGA's pulse generation room (PGR) lab engineer Todd Safford (left) and senior lab engineer Todd Blalock (right) examine one of the holographic gratings used to produce 2-D SSD (smoothing by spectral dispersion). The 3.3-GHz electro-optic modulator (seen through an IR mirror) is clearly visible on the left. The 2-D SSD subsystem comprises eight gratings, two modulators, and a variety of conventional optics spanning 80 ft of optical path within the PGR.

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