

About the Cover:

Lance Lund, LLE research engineer (left), Robert Costa, LLNL technologist (center), and Greg Pien, LLE senior lab engineer (lower right), install the DANTE diagnostic into the OMEGA target chamber. This instrument, a 12-channel, soft x-ray diode array with multigigahertz bandwidth, was used to measure hohlraum temperatures during a proof-of-principle series of indirect-drive experiments. These experiments, carried out in collaboration with LANL and LLNL, demonstrated the feasibility of using OMEGA to study indirect drive.

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