

About the Cover:

Kevin Kearney, research engineer (left), and Cherie Miskey, a physics undergraduate co-op student from the Rochester Institute of Technology (right), are preparing to load a cylinder of indium and a disk of copper, respectively, into the OMEGA target chamber through the ports in the top center. These samples are held on a rapid extractor mechanism, which withdraws them after a shot and drops them down the black tube (center) to a diagnostic room below, where their activation is measured to determine the neutron yield. Experiments producing record high neutron yields are reported in this issue.

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