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NIF Program Management

J. Carpenter, B. Warner

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NIF PROGRAM MANAGEMENT



C. Bruce Tarter
Director,
Lawrence Livermore
National Laboratory



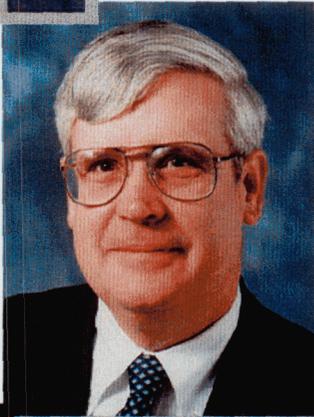
S elected by the University of California Board of Regents in 1994, Dr. Tarter is the eighth Director of Lawrence Livermore National Laboratory. Today, the Laboratory is primarily charged with ensuring that the nation's nuclear weapons remain safe, secure, and reliable, and with preventing the spread and use of nuclear weapons worldwide. The National Ignition Facility (NIF) plays a key role in this arena, and is one of Dr. Tarter's primary focus areas.

Dr. Tarter received his BS in Physics from MIT and his PhD from Cornell University. Dr. Tarter's career at the Livermore Laboratory began in 1967 as a staff member in the Theoretical Physics Division, of which he became head in 1978. During the 1980s, he served on a number of institutional committees and task forces, including the Long Range Planning Committee. In 1988, he became Associate Director for Physics.

Dr. Tarter's numerous professional distinctions include a six-year-period with the Army Science Board, current membership in the California Council on Science and Technology, Fellowship in the American Physical Society, and receipt of the Roosevelt Gold Medal Award for Science.

As Associate Director for NIF Programs at Lawrence Livermore, Dr. Miller provides integrated leadership to the senior management team directing the NIF Program. Dr. Miller has been a major participant in the development of DOE's Stockpile Stewardship Program.

George H. Miller
Associate Director,
National Ignition
Facility Programs



Dr. Miller received his BS with high honors in Physics (1967), MS in Physics (1969), and PhD in Physics (1972), all from the College of William and Mary. From 1972 to 1980, Dr. Miller served as a physicist in A-Division, one of the Laboratory's two nuclear weapons design divisions. In 1980, Dr. Miller became A-Division leader and program leader for all thermonuclear design and computational physics development. In 1984, he was named Deputy Associate Director for Nuclear Design, and in 1985 he was named Associate Director. In 1989, Dr. Miller was the Special Scientific Advisor on Weapons Activities to Secretary of Energy Admiral James D. Watkins; he returned to the Laboratory in 1990 as an Associate Director.

Dr. Miller holds memberships in the American Physical Society and Sigma Pi Sigma. He has received awards and honors from the National Science Foundation Graduate Fellowship, Gulf-General Atomics Fellowship, and Sigma Pi Sigma. He is a member of the USSTRATCOM Strategic Advisory Group and the Navy Steering Task Group. He has been a member of the Defense Nuclear Agency Scientific Advisory Group of Effects.



Edward I. Moses
Project Manager,
National Ignition
Facility Project

In 1998, Dr. Moses joined the NIF Project at the Lawrence Livermore National Laboratory. He has led the Project since 1999. He provides overall integration between the Inertial Confinement Fusion (ICF)/NIF Program's laser, optics, information systems, and associated technology activities with NIF Project activities to ensure meeting the overall schedule, budget, and performance goals.

Dr. Moses earned his BS in Electrical Engineering from Cornell University in 1972 and his PhD from Cornell University in 1977. At Hughes Aircraft Company, he was a scientist and Program Manager from 1977 to 1980. Between 1980 and 1982, he was the Section Leader for Laser System Operations at the Laboratory in Livermore. From there, he became the Associate Program Leader for Laser Technology until 1987. He led the Isotope Separation and Materials Processing Program between 1987 and 1990, while also serving as Deputy Associate Director for Lasers.

Dr. Moses left the Laboratory in 1990, when he became the Executive Vice President of Advanced Technology Applications, Inc. He returned as Assistant Deputy Associate Director for Program Development in the Physics and Space Technology Directorate, in addition to being the responsible manager for the PEREGRINE Program, a position he held until joining NIF in 1998. He holds patents in laser technology and computational physics.

Questions concerning the National Ignition Facility at LLNL should be directed to the LLNL Public Affairs Office, (925) 422-9919.