

Ed Moses Biography

"Bringing Star Power to Earth"

Ed's mother's family fled from Russia and Lithuania and his father escaped from the Nazi Germany before WWII.

Ed Moses' background in physics, engineering, technology and scientific computing opened the door to many large scale scientific adventures: He is a past principal associate director for the National Ignition Facility & Photon Science Directorate, where he led the California-based NIF, the largest experimental science facility in the US and the world's most energetic laser. He was also President of the Giant Magellan Telescope Organization.

This site focuses on the visionary aspect behind the Laser Inertial Fusion Energy (LIFE) Project between 2008-2013. Under Ed's leadership, LIFE aimed to develop the technologies necessary to convert the laser-driven inertial confinement fusion concept being developed in the National Ignition Facility (NIF) into a practical commercial power plant that aimed to lower costs using mass-produced fuel elements, simplified maintenance, and diode lasers with higher electrical efficiency.

Ed was also very active in Science on Saturday (SOS), a series of free science lectures targeted at middle and high school students. Each topic highlighting cutting-edge science occurring at the Lawrence Livermore National Laboratory (LLNL). He loved inspiring young people to get interested in science.

Dr. Moses is currently President of Longview Consulting, a high technology consulting firm concentrating on larger scale engineering physics, chemistry and bio-tech projects and facilities by bringing together coalitions of international scientific, technology, engineering, and construction efforts to enable the design, construction and commissioning of complex projects and facilities.