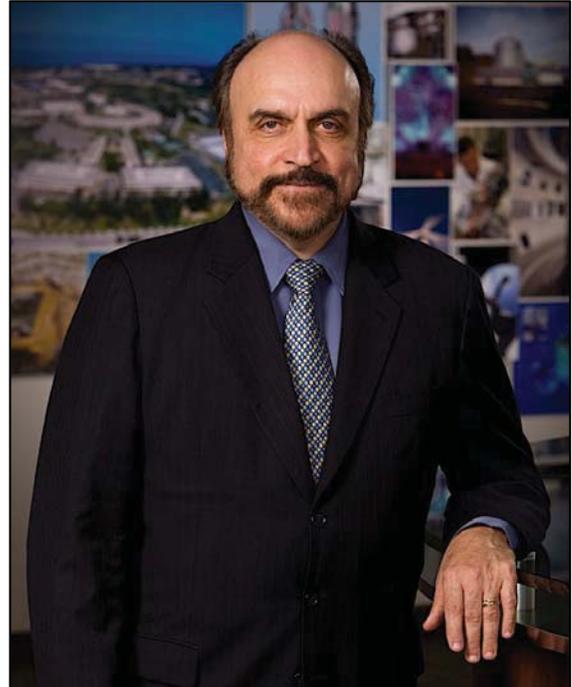


John Parmentola, Ph.D.
*Senior Vice President,
Energy and Advanced Concepts*

Dr. Parmentola has built a career as a pioneer, entrepreneur and innovator, with broad experience in the private sector, academia and high-level positions within the federal government and defense community.

As Senior Vice President at General Atomics, he leads the California-based technology company's Energy and Advanced Concepts Group, focusing on energy, defense, advanced computing and oversight of DIII-D National Fusion Facility, the largest in the United States (U.S.). The Group's innovations include a revolutionary waste-burning compact advanced reactor, setting new land-speed records with maglev systems and building the world's most powerful superconducting electromagnet.



Dr. Parmentola served as Director for Research and Laboratory Management for the U.S. Army, directing lab management policy, infrastructure and security for all Army laboratories, research, development and engineering centers, and base realignment and closure efforts. He also oversaw a \$1-billion combined budget for basic and applied research, manufacturing technologies, small business innovative research, and high-performance computing programs.

In addition, Dr. Parmentola served as science and technology advisor to the chief financial officer of the U.S. Department of Energy (DOE), where he provided technical, budgetary, and programmatic advice to DOE leaders for more than \$7B in science and technology investments.

He also co-founded the Advanced Systems and Concepts Office of the Defense Threat Reduction Agency to address major national challenges concerning the threat of weapons of mass destruction, and has served as principal scientist at MITRE Corp., where he worked in applying advanced technology associated with the \$1.8-billion Cheyenne Mountain Upgrade Program.

Born in the Bronx, New York, Dr. Parmentola earned a bachelor's of science in physics cum laude from Polytechnic Institute of Brooklyn, and his doctorate in physics from MIT. He was a Professor of Physics at West Virginia University.

Dr. Parmentola received the 2007 Presidential Rank Award for Meritorious Executive. He was also an Air Intelligence Agency nominee for the R. V. Jones Central Intelligence Agency award, and a recipient of the Outstanding Civilian Service Award and the Superior Civilian Service Award for his contributions to the U.S. Army. He received the Alfred Raymond Prize and the Sigma XI Research Award, and is a Fellow of the American Association for the Advancement of Science. He has presented and published more than 400 speeches, papers, and articles in science and technology policy and is the author of an authoritative book on space defense.