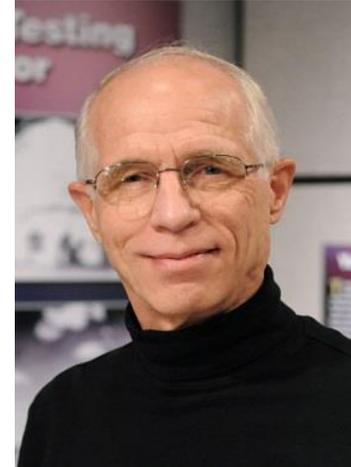


# Meet the Presenter...

## *Dr. Roger Blomquist*

Dr. Roger Blomquist is a Principal Nuclear Engineer at Argonne National Laboratory. He served in the U.S. Navy for four years as a submarine nuclear propulsion officer, working as a shift supervisor responsible for reactor operations, testing, safety and maintenance of mechanical, electrical and instrumentation and controls systems. He was also responsible for the ship's non-nuclear mechanical systems' operation and maintenance during a major shipyard overhaul, including testing of hydraulic, high pressure air and other systems, and was the ship's QA Officer. After completing his active duty, he served 26 years in the Navy Reserve, commanding four reserve units. Before retiring as a Captain, he was responsible for national leadership training courses for mid-grade Naval Engineers and coordinator of engineering-type reserve units in a six-state area.



Dr. Blomquist earned a B.S. degree in physics at the College of William and Mary in Virginia. Following his active duty, he earned M.S. and Ph.D. degrees in nuclear engineering at Northwestern University. In 1979, he joined Argonne National Laboratory, where he specializes in reactor physics, criticality safety, and Monte Carlo methods. He has served as Chair of the American Nuclear Society Mathematics and Computations Division, and as Chair of the Source Convergence Expert Group, an international working group of the Organization for Economic Cooperation and Development's Nuclear Energy Agency. His technical accomplishments include nuclear design of the Intense Pulsed Neutron Source target at Argonne, collaborative studies of the behavior of Monte Carlo calculations, development of high-performance computing methods for supercomputers, and non-proliferation-related studies. He also manages Argonne's Nuclear Engineering Division information technology program and is very active in Argonne and nuclear energy outreach activities.

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