

DINNER MEETING ANNOUNCEMENT

"How ANS is advancing nuclear science and technology and how you can help"

Speaker: **Steven Arndt, PhD, PE**
President, American Nuclear Society, 2022-23

Abstract: please see next page.

Biography: please see next page.

Place: **National Museum of Nuclear Science & History, Albuquerque, NM**
601 Eubank Blvd SE, Albuquerque, NM 87123 (505-245-2137)
Exclusive access to museum and gift shop from 5:30pm to closing included.

Directions: From I-40, exit at Eubank Blvd (Exit 165) and proceed south on Eubank to its intersection with Southern Avenue SE (slightly more than 1 mile). The museum is on the southwest corner of Eubank and Southern (enter from the Eubank side).

Date: **May 12, 2023**

Time: **6:00** Social Hour with Cash Bar
(for networking between students and professionals of all levels)
7:00 Buffet Dinner (catered by Slate Street Catering)
(menu includes chicken breast and marinated steak)
7:45 Speaker

Cost: \$45 per person (by web sign-up in advance),
\$50 per person (not pre-paid, at the door),
\$20 for students and children

With the end of the NM public health order, vaccination status will no longer be checked. However, if you are not well, please do not attend.

We strongly encourage you to sign up and pay for this event by 8 May using the ANS Trinity PayPal payment account. Visit the "Calendar" page of our web site and select the appropriate payment button (<http://local.ans.org/trinity/calendar.html>). You may use any credit card and do NOT need to have your own PayPal account to make the payment.

RSVP: If you do not use on-line payment, please RSVP no later than **8 May** to:
Chris Perfetti: cperfetti@unm.edu (505-277-1945) or
Nick Thompson: thompn4@gmail.com (505-309-6400).

RSVP must be received by 8 May in order to give final numbers to the caterers. While we strongly encourage everyone to use on-line payment to sign up and prepay, an RSVP is a commitment to attend/pay at the door. We cannot afford "no shows" after the final count is given to the caterers, as the Section is partially subsidizing the cost of this event. If you cancel after 8 May, you will still be responsible for paying.

"How ANS is advancing nuclear science and technology and how you can help"

Steven Arndt, PhD, PE,

President, American Nuclear Society, 2022-23

Abstract:

Dr. Arndt will discuss the opportunities presented by the new reactor designs that cut across technologies, sizes, and target applications. He will discuss how ANS is supporting the advancement of the current effort to move the industry forward as well as some of the challenges associated with the development, licensing, and deployment of new reactors and how the community can help.

Biography:



Steven Arndt is an internationally recognized expert in the field of nuclear engineering with experience in nuclear power plant simulation, severe accident analysis and nuclear power plant instrumentation and control. In his 40 years in the nuclear industry Dr. Arndt has worked as a researcher, educator, consultant, and regulator including extensive experience in Russia and Ukraine leading the United States support programs to the states of the former Soviet Union following the Chernobyl accident and as part of the Nuclear Regulatory Commission's (NRC's) response to the Fukushima accident.

Dr. Arndt currently serves as a Distinguished Scientist at the Oak Ridge National Laboratory where his research involves advance reactor design readiness. Previously he spent 31 years as a senior scientist with the NRC, leading key research efforts and providing authoritative advice to NRC management and staff in the areas of digital instrumentation and control, software reliability, emergency response, cyber security and numerous other technical areas. Prior to his work at the NRC, Dr. Arndt was a Professor at the U.S. Naval Academy. Additionally, Dr. Arndt serves as an Adjunct Professor of Nuclear Engineering at the University of Tennessee. In 2012 Dr. Arndt was named the Federal Engineer of the Year by the National Society of Professional Engineers, the first nuclear engineer to ever be awarded this honor. In 2020 Dr. Arndt was awarded the "NSPE Award" the highest honor given specifically to a professional engineer.

Dr. Arndt holds a B.S. in engineering physics and a M.S. and Ph.D. in nuclear engineering all from The Ohio State University, where he was honored by the faculty of the College of Engineering in 2004 as a Distinguished Alumnus. Dr. Arndt also holds a M.S. in reliability engineering from the University of Maryland. Dr. Arndt is a Fellow of the American Society of Mechanical Engineers (ASME), the American Nuclear Society (ANS), the Association for the Advancement of Science (AAAS), the American Society for Quality (ASQ) and the National Society of Professional Engineers (NSPE).

Dr. Arndt is a registered professional engineer in Tennessee and Maryland and was appointed by the Governor of Maryland in 2006 to the Maryland Board for Professional Engineers, where he served for fifteen years (three years as Chairman). He has served in leadership roles in a number of professional societies, especially ANS. He has served as the ANS Treasurer and as a member of its Board of Directors. In June of 2022, he became the 68th President of ANS.