



Civil Nuclear Energy Workshop: Partnering for Implementation

OCTOBER 8-9, 2024 | KNOXVILLE, TN

H.M. (Hash) Hashemian, Ph.D.

President and CEO

Analysis and Measurement Services Corporation (AMS)

H.M. "HASH" HASHEMIAN is President and Chief Executive Officer of Analysis and Measurement Services Corporation (AMS); a nuclear engineering firm headquartered in Knoxville, Tennessee, and operating since 1977 in the United States, Europe, and Asia. His technical and operational vision and leadership have enabled AMS to play a key role in ensuring the safe and cost-efficient operation of virtually every U.S. nuclear power plant, as well as many in Europe and Asia. He has accomplished these successes through the development and delivery of industry-leading instrumentation and control system testing and analysis equipment, training, and services. A globally recognized expert in peaceful applications of nuclear energy for electricity generation and medical diagnostics and treatment, Dr. Hashemian lectures frequently around the world on nuclear power plant instrumentation and control areas. He holds three doctorate degrees in engineering including a Ph.D. in nuclear engineering, a Doctor of Engineering degree in electrical engineering, and a Ph.D. in computer engineering.



Dr. Hashemian is the author of three books titled: Sensor Performance and Reliability, Maintenance of Process Instrumentation in Nuclear Power Plants, and Monitoring and Measuring I&C Performance in Nuclear Power Plants. His books have been translated and published in Chinese, Japanese, Korean, and Russian. In addition, he is the author or co-author of 22 U.S. patents and nearly 400 peer-reviewed journal and magazine articles, conference papers, 9 book chapters, and numerous reports, guideline documents, and standards for the U.S. Nuclear Regulatory Commission, the Electric Power Research Institute, the International Atomic Energy Agency, the International Electrotechnical Commission, and others.

He is a Fellow of the American Nuclear Society, a Fellow of the Institute of Electrical and Electronics Engineers, a Fellow of the International Society of Automation, and a member of the European Nuclear Society. He is also an adjunct professor of nuclear engineering at the University of Tennessee, and an adjunct professor of practice at the Woodruff School of Mechanical Engineering at Georgia Institute of Technology. In 2024, he was elected by the American Nuclear Society as its Vice President (2024-2025) and then President (2025-2026).