

# Mark Derakshan



Mark Derakshan is the Chief Executive Officer for Sumitomo Cryogenics of America, Inc. (SCAI) headquartered in Allentown, Pennsylvania. SCAI is part of the SHI Cryogenics Group, a leading global developer and manufacturer of cryogenic components, of Sumitomo Heavy Industries, Ltd., and the former APD Cryogenics. SHI Cryogenics delivers innovative solutions to the semiconductor, research, optical coating and medical industries. With offices in Asia, Europe and the United States, it has been producing quality cryogenic equipment for more than 50 years. SHI's prominent engineering departments continue to focus on the latest cryogenic technologies, including innovative cryocooler designs. In addition to both 4 K and 10 K cryocoolers, the company manufactures High Capacity GM coolers, Pulse Tubes, Cryopumps, Helium compressors and Shield Coolers. SHI customers benefit from leading-edge technology, performance reliability, and an extensive global sales, service, and support network.

Mark is a PhD in Mechanical Engineering with concentration in Machine Design and Dynamics. Prior to SCAI, Mark was employed at General Electric Healthcare for 23 years. His experience at GE Healthcare as a Mechanical Engineer encompassed development of numerous component critical to success of Diagnostic Imaging systems (CT, X-ray, MRI). Mark's exposure to cryogenics started with his 14 years of work on managing, designing and development of MRI Superconducting Magnets and related systems and sub-systems.