

Carlo G Pantano



Distinguished Professor of Materials Science and Engineering
Co- Director of the NSF International Materials Institute on “New Functionality in Glasses”

The Pennsylvania State University

Bio

Carlo G. Pantano received his B.S. Degree in Engineering Science from Newark College of Engineering in 1972, and the M.E. and Ph.D. in Materials Science and Engineering from the University of Florida in 1974 and 1976. After two years at the University of Dayton Research Institute, he joined Penn State’s Department of Materials Science and Engineering where he has taught courses on glass science, optical properties and surface analysis. He also served as Director of the Penn State Materials Research Institute between 1998 and 2015. His research is focused on glass surface chemistry and corrosion, thin films and coatings for glass, glass-polymer adhesion and surface characterization. Other activities include glassblowing and related outreach programs for K-12 and the public. He has over 290 journal publications, 6 book chapters and has edited several monographs. He holds patents for a microporous sol/gel coating for capillary gas chromatography, and substrates for DNA/Protein arrays.

He is a Fellow of both the American Ceramic Society (ACerS) and the AVS. He is a former Chair of the Glass and Optical Materials Division of the ACerS, and a former US Council Representative for the International Commission on Glass and an elected member in the World Academy of Ceramics. He was awarded the 2005 George W Morey award for outstanding technical contributions to the field of glass science and technology. He was named the 2012 Kreidl Memorial Lecturer and the 2014 Scholes Lecturer in Glass Science. He was also a recipient of a Distinguished Alumnus Award from the University of Florida.

Currently on sabbatical at CREOL, University of Central Florida, January-April, 2015