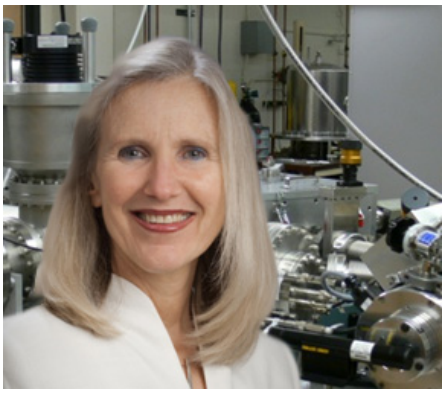

Dr. Carmen S. Menoni is University Distinguished Professor in the Department of Electrical and Computer Engineering. She also holds appointments in the department of Chemistry, the School of Biomedical Engineering and the School of Advanced Materials Discovery. Prof. Menoni's expertise is in optical and material science. Her research of focuses on the development of amorphous thin film materials by ion beam sputtering for the implementation of novel coating architectures for photonics applications. Through a combination of fundamental understanding of the optical and structural properties of the thin films materials and device engineering, Prof. Menoni research is advancing the state-of-art in interference coatings for ultra-high intensity near infrared lasers and for gravitational wave interferometers. Menoni is also actively involved in using high-brightness coherent beams of light of wavelengths between 10-50 nm for optics applications such as nanoscale imaging, ablation and chemical imaging. Her work is described in over 300 archival publications and has been presented in 340 conference talks, including 80 invited presentations, at national and international conferences.

Prof. Menoni is Fellow of the Institute of Electrical & Electronic Engineers (IEEE), the American Physical Society (APS), the Optical Society of America (OSA), the American Association for the Advancement of Science (AAAS) and the International Society for Optics and Photonics (SPIE). Carmen Menoni is founding editor of IEEE Photonics Journal. Prof. Menoni is currently President-Elect of the IEEE Photonics Society. Prof. Menoni has extensive experience in managing research programs involving several organizations. She has also experience in collaborating with industry. As a result of this work she was the recipient of the Colorado Technology Award in 1998 and in 2000 for the development of products and processes that were transitioned to industry. Dr. Menoni and her group received in 2008, a R&D 100 award for the invention of a compact microscope that can image nanoscale objects. Carmen Menoni has co-funded XUV Lasers where she serves as President.