MICHAEL LIEHR, PH.D.

CNSE Executive Vice President of Innovation and Technology
CNSE Vice President for Research
Professor at CNSE

As CNSE Executive Vice President of Innovation and Technology, Michael Liehr focuses on the creation of new business opportunities, develops and manages pertinent administrative and infrastructure operations required to support their establishment, and manages integrated industry-university consortia and public-private partnerships. He is also responsible for the effective and efficient operation of the CNSE core strategic semiconductor and packaging partnership engagements, including the IBM, GLOBALFOUNDRIES, AMAT, TEL, and LAM partnerships. Dr. Liehr is also Vice President for Research at CNSE, responsible for strategic research and development for nanoelectronics and 3D packaging alliances at CNSE.

In a previous assignment at CNSE, Dr. Liehr served as General Manager of the Global 450mm Consortium (G450C), where he coordinated the industry-first effort by consortium members Intel, IBM, Samsung, TSMC, GLOBALFOUNDRIES and the College of Nanoscale Science and Engineering (CNSE) to make available production-grade 450mm processing equipment.

Prior to joining CNSE, Dr. Liehr served as an IBM executive responsible for Worldwide Semiconductor Manufacturing Strategic Production Alliances for leading-edge semiconductor products. While at IBM, he was responsible for technology transfer, operations and supply management for outsourced semiconductor production of IBM's 90nm, 65nm and 45nm semiconductor-on-insulator (SOI)-based microprocessor technologies to Chartered Semiconductor Manufacturing in Singapore. In addition, he oversaw management of fabricator synchronization for bulk CMOS 65nm through 32nm with Chartered, Singapore; Samsung, Korea; and ST Microelectronics, France. His experience spans research, product and process development, manufacturing, and semiconductor foundry business P&L.

Dr. Liehr holds a Ph.D. in Physics, is a certified executive project manager, and has authored or co-authored 20 patents and over 90 publications.

Contact Information:

Michael Liehr
CNSE Executive Vice President of Innovation and Technology
CNSE Vice President for Research
Professor
257 Fuller Road
Albany, New York 12203
Phone: (518) 956-7345
mliehr@albany.edu