



Salvador Muñoz received his B.S. in Chemical and Computer Systems Engineering and his M.S. in Chemical Engineering from Monterrey Tech. He started his career at Aspen Technology where he spent 4 years working as a consultant for the Polymer, Petrochemical and fine chemical manufacturing industry. His work focused on the application of modelling and simulation solutions and the implementation of real time data management systems. He left Aspentech to pursue his Ph.D., conducting research in the area of Multivariate Latent Variable Models under the supervision of Prof. John MacGregor. After earning his Ph.D. from McMaster University, he joined Pfizer R&D where he spent 9 years as a modelling and simulation scientist actively participating in the development activities for new medicines and the improvement of commercial manufacturing operations using model based tools.

In 2013 Dr. Muñoz joined Eli Lilly Research Laboratories where he is currently employed as a senior technology leader for Digital Design. His current responsibilities span the drug substance and drug product areas with particular focus on the usage of systems engineering tools in regulatory documents and the transfer of modelling technology to manufacturing. His research interests include the theory and application of multivariate statistical methods, optimization, thermodynamics and advanced control.