

## Biography

Ahmed Sayed-Ahmed (S'05–M'09) received the B.Sc and M.Sc degrees in Electrical Engineering in 1998, and 2003 from Cairo University, Egypt. He received his Ph.D. in Electrical Engineering from Marquette University, WI, USA in 2009. He is currently a principal engineer/functional control architect at Rockwell Automation in the R&D Dept. (2009-present).

Dr. Sayed-Ahmed has over 18 years of industrial/research experience that include control and design of power converters, embedded real time control systems applied to power electronic applications, power system analysis, Oil and Gas industry. His current role is to lead and mentor a highly energetic and dynamic technical team of control engineers to design and implement complex control algorithms for Rockwell's next generation of high power regenerative motor-drive systems.

Before joining Rockwell Automation, he worked as a senior electrical engineer at Rashid Petroleum Company "British Gas joint venture", Egypt from 2000-2005. His main focus was commissioning, startup and troubleshooting of electrical equipment on onshore and on offshore platforms.

Dr. Sayed- Ahmed has taught in several prestigious universities such as Marquette University and the University Of Milwaukee School Of Engineering, where he is currently teaching several graduate and undergraduate classes in the areas of control design, power electronics and electrical machines.

His technical and academic record resulted in an honorable list of 20 peer reviewed journal and conference publications with over 130 citations, 14 granted patents and 8 pending patent applications. He is also the recipient of the IEEE power and energy society transaction prize paper award for the year of 2012. He is an IEEE senior member since 2011. Dr. Sayed-Ahmed is currently serving as a chapter chair for the IEEE power electronics society, Milwaukee section. He is a voting member at IEC standards SC77A.