

Albert F. Sperry Founder Award

Angela E. Summers, Ph.D.

*SIS-TECH Solutions LP
Houston, Texas, USA*



Biography

Dr. Angela Summers is President of SIS-TECH Solutions, LP and SIS-TECH Applications, LP. Dr. Summers is a United States representative to the international safety instrumented system standard committees and the ISA SP-84 chair for the guidance documents on safety integrity level verification calculations (TR84.00.02) and on the implementation of new safety instrumented system standard (TR84.00.04).

Dr. Summers is also co-chairman of the Technical Advisory Committee for the Mary Kay O'Conner Process Safety Center, who presented her with the 2004 Service Award. She has published more than 30 papers and written chapters for the *Instrument Engineers Handbook*, *Lees' Loss Prevention in the Process Industry*, and *Perry's Handbook of Chemical Engineering*. She is currently writing a new book for the Center for Chemical Process Safety on safe and reliable instrumented systems.

Dr. Summers is being recognized for her outstanding contributions to the Society's Standards and Practices effort in the development of international safety systems standards for the refining and petrochemical industries. Dr. Summers joined ISA in 1995 and has made significant contributions to the Society and its Members, especially through the numerous leadership positions she has held. She was a technical representative for ISA S&P Board and ANSI review board addressing "separation of the control system and safety instrumented system."

Aside from the numerous committees Dr. Summers is part of, which include ISA SP-96, ISA SP-18, ISA SP-84, and ISA SP-91, she is also the Standard & Practices Board Director at Large. The ISA SP-84 and IEC 61511 safety standards have been recognized as the "best practices" by several government agencies including China, India, Italy, Norway and the United Kingdom, and she has played a critical role in their development.

Dr. Summers has a Ph.D. in Chemical Engineering from The University of Alabama. She is a licensed Professional Engineer in the State of Texas.

Citation/Criteria/Award

Citation: For outstanding contributions and leadership in the specification, development, and implementation of safety instrumented systems for the process automation industry.

Criteria: To recognize an outstanding technical, educational or philosophical contribution to the science and technology of instrumentation.

Award: \$3,000 honorarium and plaque