

## ABOUT THE AUTHORS

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### **Ian Verhappen, P. Eng.**

B.Sc. Environmental Science  
B.Sc. Chemical Engineering  
Certificate in Oil Sands Technology  
ISA Certified Specialist in Analytical  
Technology  
ISA Certified Automation Professional

Working in the automation industry since 1987, Verhappen is an ISA Fellow, MTL'S Director of Industrial Networks and thus responsible for their global fieldbus, wireless, and industrial Ethernet products. He has been actively involved in Foundation Fieldbus technology since 1995 when he led the first Host Interoperability demonstration project at Syncrude Canada Ltd.

Verhappen is an acknowledged expert in Foundation Fieldbus technology. He has authored numerous technical papers on the subject of Fieldbus and is a regular columnist for several industry trade journals. He is co-author with Augusto Pereira of ISA's popular "Foundation Fieldbus" book that has been translated into Spanish and Portuguese and is now in its third edition.

From 2002 until October 2006, Verhappen served as chairman of the Western Canada End User Council and also served as chairman of the Fieldbus Foundation Global End User Advisory Council, reporting directly to the Board of Directors two times/year. During this time, he helped set the direction of Fieldbus technology. Under Verhappen's guidance, the End User Advisory Council prepared the "Engineering Design Guide, Foundation Fieldbus document AG-181" for which he was the editor. AG-181 has been translated into German, Japanese, Chinese, and Russian, demonstrating how widely it is being

### **Augusto Pereira**

Electrical Engineer  
FEI-School of Industrial Engineering  
São Paulo – Brazil  
Degree in Mathematics and Physics

Pereira attended several courses in Brazil and the United States in the areas of automation and computers.

Currently, Pereira is the Manager of Marketing and Communication of Pepperl + Fuchs for South America. Since 1994, he has been involved in more than 217 projects with digital protocols in Brazil, Canada, Argentina, Chile, Colombia, Venezuela, Cuba, and Peru. Since 1976, he worked at Dow Chemical, Smar, Emerson Process Management, and Yokogawa South America. He is also Professor of the MBA of Information Technology at Fatec-Sorocaba-Brazil and teaches post-graduate courses at several Brazil Universities such as Mauá of São Caetano do Sul, Federal University of Espirito Santo, the University of St. Cecilia Santos (the program's Prominp from Petrobras) and courses of Design project with Foundation Fieldbus at ISA District 4.

He was President of District 4 (South America) of ISA - International Society of Automation, which currently is your Nominator.

Co-author of the book *Foundation Fieldbus* with Ian Verhappen, the book is currently in its third edition published by the ISA in the U.S. Previous editions are available in Brazil (Portuguese) and Argentina (Spanish).

**Ian Verhappen, P. Eng. (continued)**

used as the basis for many corporate and project Fieldbus specifications.

Verhappen has been active on several Fieldbus specifications committees, including the Safety Fieldbus Committee, which is developing the standards on how to deploy Fieldbus in Safety Systems where Verhappen participated as an “outside” expert reviewer.

Verhappen is technical lead of the Fieldbus Transducer Block team as well as the Chair of the HSE Remote I/O development team and is presently the immediate past Vice-President Standards & Practices and Vice-President-elect Strategic Planning for ISA and is the Canadian Chair of IEC 65E.

Verhappen has served as either project lead, engineer/designer or external/cold eyes review consultant for a number of companies and industries around the world including; Pulp and Paper, Mining, Food Processing, Water and Wastewater, Oil Sands processing, Petrochemicals, and Refining.