About the Editor and Contributors

Lawrence (Larry) D. Goettsche, Editor of ISA's first (1995) *Maintenance of Instruments & Systems*, part of ISA's *Practical Guides Series*, has added considerable new information – and significantly updated other material in the 1995 publication – for this 2nd Edition.

Jim Tatera, owner of Tatera Associates, a process analytical systems consulting firm in Madison, Ind., authored Chapter 10, Maintaining Analytical Instruments. Mr. Tatera is a past director of ISA's Analysis Division; past chair of SP76, and technical advisor for IEC SC65D of the U.S. National Committee.

Diana Churchill Bouchard, a Scientist at the Pulp and Paper Research Institute of Canada who has lectured at McGill, Concordia University and Université du Quebec á Trois-Riviéres, contributed to Chapter 16, Software and Network Maintenance. **Robert Hasselbaum**, former Director, Services Marketing for Invensys Process Systems, Foxboro, Mass., contributed to the same chapter.

Mr. Goettsche has more than fifty years experience in instrumentation, measurement and automatic controls. Holder of a BS degree from New Hampshire College, he is owner of LG Process Automaton Services. During his career, he has been employed in the following capacities: Electrical and Control Designer for Kennecott Copper Environmental Engineering Projects Group, Electrical & Instrumentation Engineering at Roberts and Schaefer Company, Senior Systems Service Specialist at Johnson Yokogawa Corporation, Maintenance Engineer at Hercules Aerospace, Field Service Engineer at Leeds and Northrup Company, and Training Device Chief Petty Officer in the U.S. Navy.

Mr. Goettsche has authored and presented several articles on instrumentation, control system maintenance, fiber optics, and finding employment in the I&C field. He was the subject matter expert for the ISA Involve Interactive Training Program on *Interpreting Process Control Diagrams*. He is also a member of several ISA Standards Committees, including SP12.6, SP12.21, and SP5.1. Mr. Goettsche also was Editor of *The Maintainer*, newsletter for the ISA Maintenance Division, and *The Intermountain Transmitter*, the newsletter for the ISA Great Salt Lake Section. In Addition, he has held many positions and has been a member of the Executive Committee of the Great Salt Lake Section of ISA.

For the first (1995) *Maintenance of Instruments & Systems*, Mr. Goettsche was the sole author of the introductory chapter and chapters covering Fundamental Principals and Instrumentation and Control System Maintenance Personnel.

For this (2004) updated version, Mr. Goettsche also used much material authored by others for the 1995 book. Therefore, they also deserve credit.

Besides Mr. Goettsche, contributors to the 1995 *Maintenance of Instruments & Systems* included:

Lowell E. McCaw, president of ISA in 2004 who also served as one of Mr. Goettsche's technical reviewers for this book. For the 1995 book, Mr. McCaw – whose distinguished career includes considerable U.S. military service, professor emeritus at Monroe Community College and industrial instrument training consultant for Eastman Kodak – co-authored chapters on Maintenance Management and Tuning Details.

Dale E. Polmateer, a DuPont veteran and consultant/educator specializing in maintenance, instrumentation and controls, co-authored the chapter on Maintenance Management.

William Mostia, Jr., a longtime petrochemical industry engineer for Amoco. Previously, Dow Chemical and Texas Eastman, co-authored chapters on Maintenance Engineering and Configuration and Programming.

Keith D. Otto, co-founder and president of Otto Engineering Inc. of Neenah, Wis., and a pulp and paper industry veteran, co-authored the chapter on Maintenance Engineering.

Robert (Bob) E. Sherman, president of pulp and paper maintenance consulting firm USAFEMATIC Inc. who also served on Technical Advisory Boards of Dupont, Applied Automation Inc., and Precision Scientific Inc., co-authored chapters on Service/Contract Maintenance and Maintenance and Troubleshooting.

H. Pierce Rumph, an experienced electronics, instrumentation, process automation, and process optimization engineer, co-authored a chapter on Configuration and Programming.

Robert J. Rosenberg, then senior representative sales manager for Transmation Inc. with degrees in electrical engineering and business administration, co-authored a chapter on Calibration.

Robert Zielske, longtime chief instrument engineer for Georgia-Pacific Corp., Central Engineering, who also has held numerous ISA leadership positions, co-authored chapters on Calibration and Maintenance and Troubleshooting.

John Shaw, engineering consultant and owner of Process Control Solutions in Rochester, NY, whose more than 30-year career including working for Duke Power and Taylor Instrument Co., co-authored a chapter on Tuning Details.

Sheriff Ahmed, a Rosemount Inc. veteran who served as that company's Business Development Manager for China and held other business development, application support, and market development positions, co-authored a chapter on Safety.