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Candidate for IEEE Division X Director, 2007-2008 (Systems and Control)



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William A. Gruver received the PhD, MSEE, and BSEE degrees from the University of Pennsylvania, and the Diploma of Imperial College in Automatic Control Systems from the University of London. Currently, he is Professor of Engineering Science at Simon Fraser University and Chief Executive Officer of Intelligent Robotics Corporation. During a 35 year career he held senior management positions with GE Industrial Automation Europe in Frankfurt, Germany, IRT Corporation in San Diego, and LTI Robotic Systems, a California startup that he co-founded; aerospace engineering positions at NASA Marshall Space Flight Center and DFVLR German Space Research Center; and faculty positions at North Carolina State University, University of Kentucky, and the United States Naval Academy. Dr. Gruver has published 200+ technical papers and four books on intelligent systems, robotics, automation, control, and optimization, and he was recipient of the U.S. Senior Scientist Award from the Alexander von Humboldt Foundation.

IEEE Activities – (S'68-M'70-SM'80-F'96) **SOCIETIES:** SYSTEMS, MAN, AND CYBERNETICS: President, 2004-05; VP Publications, 1994-95; VP Conferences and Meetings, 1996-97; VP Finance and Long Range Planning, 2002-03; AdCom, 1990-92, 2001-03; TC Robotics, Chair, 1982-86; TC Robotics and Manufacturing, Chair, 1993-03; TC Distributed Intelligent Systems, Co-chair, 2003-05; IEEE Transactions on Systems, Man, and Cybernetics, Associate Editor, 1982-05. **ROBOTICS AND AUTOMATION:** Council Secretary, 1983-85; AdCom Member, 1988-92; Conference Board, 1993-96; IEEE Transactions on Robotics and Automation, Associate Editor, 1986-92. **CONTROL SYSTEMS:** Applications Committee, 1979-81; IEEE Transactions on Control Systems Technology, Associate Editor, 1996-00. **CONFERENCES:** SYSTEMS, MAN, AND CYBERNETICS: General Chair, SMC95; Vice Chair, SMC96; Program Co-Chair, SMC99; Honorary Chair, ICMLC04, ICMLC05; Technical Program Committee, SMC94-05. **ROBOTICS & AUTOMATION:** General Chair, ICRA94; Technical Program Committee, ICRA90-96, ICRA01, ICRA03. **AWARDS:** SMC Society Service, 1996; SMC Society Distinguished Lecturer, 2005.

Statement – IEEE is becoming increasingly global, presenting new challenges that can also become opportunities for our societies. Although globalization can lead to increased revenues, we are constrained by the cost of membership and dues, increasing availability of on-line publications, and the need to improve member value.

As the Director of Division X, I shall promote

- Chapter growth to provide members with greater opportunities
- Better fiscal control
- Collaboration between societies in conferences and publications
- Alternative sources of revenue to offset increases in dues and fees

My qualifications for this position include

- Technical and managerial positions within major companies, universities and national laboratories in North America and Europe
- Broad knowledge and understanding of multi-cultural and economically diverse global environments
- Service as an officer and AdCom member of two societies/councils, editorial board member of three societies, and general chair for the annual conferences of two societies
- Extensive experience as President of the IEEE SMC Society.

With your vote I plan to bring my experience to bear for Division X.