

FOR IEEE TECHNICAL ACTIVITIES VICE PRESIDENT-ELECT, 2011



WILLIAM A. GRUVER

(Nominated by IEEE Technical Activities)

President/CEO
Intelligent Robotics Corporation
North Vancouver, British Columbia, Canada

Professor Emeritus
Simon Fraser University
Burnaby, British Columbia, Canada

Personal Website URL

www.billgruver.org

Bill Gruver received the PhD, MSEE, and BSEE degrees from the University of Pennsylvania, and the DIC in Automatic Control Systems from Imperial College, London. He is President/CEO of Intelligent Robotics Corporation, specializing in distributed automation systems, and Head of the Intelligent/Distributed Enterprise Automation Laboratory at Simon Fraser University where he is Professor Emeritus. During a 40 year career he held senior management positions with GE 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 DLR German Space Research Center and NASA Marshall Space Flight Center; and faculty positions at North Carolina State University, University of Kentucky, and United States Naval Academy. Dr. Gruver has published 225 technical papers and three books on intelligent systems, robotics, automation, control, and optimization, and was recipient of the U.S. Senior Scientist Award from the Alexander von Humboldt Foundation.

IEEE Accomplishments

- **As a society president**
 - Developed and implemented a comprehensive strategic plan that increased membership and improved financial viability
 - Enhanced visibility through the introduction of a new website, eNewsletter, and a Distinguished Lecturer Program
 - Substantially increased the number of society chapters worldwide
 - Promoted the formation of new technical committees
- **As a division director and member of the IEEE Board of Directors**
 - Contributed to the development of a new IEEE strategic plan
- **As a member of IEEE information technology committees**
 - Promoted major improvements in IEEE IT infrastructure and member services
- **As a TAB representative to the MGA Board**
 - Facilitated collaboration between society chapters and sections
- **As general chair of IEEE flagship conferences**
 - Exceeded goals and expectations for participation and published papers
- **As an active IEEE publications volunteer**
 - Served on editorial boards of CSS, RAC, RAS, SMCS, and SysC
 - Served as associate editor of IEEE journals for 30 years
- **As a founding officer of the Robotics & Automation Council**
 - Contributed to the establishment of the Robotics & Automation Society
- **As a society distinguished lecturer**
 - Promoted membership growth through technical lectures in 11 countries

Statement

IEEE is an increasingly global organization that presents new challenges and opportunities for members, particularly those who were affected by the recent economic downturn.

As Vice President of Technical Activities, I will use my international experience in industry and academia to strengthen IEEE technical communities worldwide by focusing on:

- **Value of society membership**
 - Promote educational opportunities to improve professional competencies and build successful careers.
 - Expand opportunities for member networking.
- **Financial responsibility**
 - Ensure IEEE operates prudently and is fiscally accountable.
 - Advocate IEEE products and services to be offered at affordable prices.
- **Innovative technologies**
 - Promote the development and application of electrical engineering and computer technologies, and disseminate the knowledge worldwide.
 - Support technical cooperation between organizations globally.
- **Superior products and services**
 - Promote publications, tutorials, and workshops targeted to industry and technical practitioners.
 - Strengthen publications and conferences that address needs of the academic community.
- **Global outreach**
 - Foster cooperation between societies and technical chapters.
 - Expand the formation and growth of technical chapters worldwide.

With your vote and support, I will provide leadership to achieve these objectives.

IEEE Activities

(S'67-M'72-SM'82-F'96-LF'06) **OFFICE:** IEEE Board of Directors, 2007-08. **BOARDS/COMMITTEES:** Division X Delegate/Director, 2007-08; IEEE Membership and Geographical Activities (MGA) Board, 2009; Technical Activities Board (TAB), 2004-05, 2007-08; IEEE Awards Board, 2008; IEEE Governance Committee, 2010; IEEE IT Transition Committee, 2009-10; IEEE Technical Committee on RFID, 2009-10; IEEE Finance and Inequities Committee, 2009; IEEE BMS Ad Hoc Committee, 2008; IEEE Compensation Committee, 2007; TAB Nominations and Appointments Committee, 2007-08; IEEE New Technology Directions Committee, 2006-08; IEEE Membership Development Committee, 2006. **SOCIETIES:** Systems, Man, and Cybernetics Society: Sr. Past President, 2008-09; Jr. Past President, 2006-07; President, 2004-05; Finance and Long Range Planning, Vice President, 2002-03; Conferences and Meetings, Vice President, 1996-97; Publications, Vice President, 1994-95; Board of Governors, Member, 2001-03, 1990-92; Electronic Communications, Chair, 2010; Fellows Committee, Chair, 2009; Awards Committee, Chair, 2008-09; Nominations Committee, Chair, 2006-07; Technical Committee on Distributed Intelligent Systems, Co-Chair, 2003-09; Technical Committee on Robotics and Manufacturing, Chair, 1982-86; 1993-03; *IEEE Transactions on Systems, Man, and Cybernetics, Part A: Systems and Humans*, Associate Editor, 1982-2005; Distinguished Lecturer, 2005-10; Robotics and Automation Society: AdCom, 1988-92; Conference Board, 1993-96; *IEEE Transactions on Automation Systems Engineering*, Advisory Board, 2005-10; ICRA1994, General Chair, 1994; *IEEE Transactions on Robotics and Automation*, Associate Editor, 1987-92; Control Systems Society: *IEEE Transactions on Control Systems Technology*, Associate Editor, 1996-2000; Applications Committee, 1979-81. **COUNCIL:** Robotics and Automation Council: Secretary, 1983-85; Member, AdCom, 1983-86. **CONFERENCES:** IEEE International Conference on Systems, Man, and Cybernetics (SMC): General Chair, 1995; Program Co-Chair, 1999; Honorary General Chair, 2004-10; Vice Chair, 1996; IEEE International Conference on

Robotics and Automation (ICRA): General Chair, 2004; Technical Program Committees, 2003, 2001, 1990-96; IEEE International Conference on RFID: Technology and Applications (RFID-TA), Program Co-Chair, 2010. **REPRESENTATIVES:** Systems Council, Representative, 2009; *IEEE Systems Journal* Advisory Board, 2005-10. **AWARDS:** SMC Society Outstanding Contribution Award, 2007, 1996; IEEE Fellow, 1996.

By-Line

Bringing my international experience, leadership, and collaboration with industry and academia to build stronger IEEE technical communities worldwide.

The opinions expressed on this website are the opinions of the author and not necessarily the opinions of the IEEE.