

RESUME

Shuzhi Sam GE

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Research Interests:

Robotics, Robot Control, Adaptive (Neural Network) Control, Hybrid Control, and Real-time Implementation.

Education

- PhD and Diploma of Imperial College (DIC) in Mechanical/Electrical Engineering, Imperial College of Science, Technology and Medicine, University of London, UK, 1989–1993.
- MSc Study in Control Engineering, Beijing University of Aeronautics & Astronautics (BUAA), Beijing, China, 1986–1988, MSc Candidate Exempt From Entrance Examination.
- BSc in Control Engineering, BUAA, Beijing, China, 1982–1986, Medallist.

Appointments/Professional Experience

- Founding Director, Social Robotics Lab, Interactive Digital Media Institute, the National University of Singapore, October 2007–Present.
- **Professor**, Department of Electrical and Computer Engineering, the National University of Singapore, January 2005 – Present.
- **Associate Professor**, Department of Electrical and Computer Engineering, the National University of Singapore, July 2000 – December 2004.
- **Senior Lecturer**, Department of Electrical and Computer Engineering, the National University of Singapore, July 1998 – June 2000.
- **Lecturer**, Department of Electrical and Computer Engineering, the National University of Singapore, Singapore, July 1993 – June 1998.
- **Senior Faculty Fellow**, NUS Graduate School for Integrative Science and Engineering (NGS), The National University of Singapore, 12 May 2003–Present.
- **Coordinator on Guidance & Control**, MINDEF–NUS Joint Applied R&D Co-operation Program, Temasek Laboratories, 2000–Present.

- **Coordinator**, Special Projects Committee, Department of Electrical & Computer Engineering, 1997 – Present.
- **Lab Supervisor**, Student Projects Lab, Department of Electrical & Computer Engineering, 1999 - Present.
- **Academic Affair and Founding Member**, MSc in Mechatronics, Faculty of Engineering, 1997 –2001.
- **Coordinator**, Accelerated Masters Program (AMP), and Continual Master Program (CMP), Department of Electrical & Computer Engineering and School of Computing, 2000–2002.
- **Faculty Associate**, Singapore Institute of Manufacturing Technology (SIMTech), 1996–present.
- **Faculty Associate**, Data Storage Institute (DSI), Singapore, 1996–Present.
- **Faculty Associate**, Institute for Infocomm Research (I2R), Singapore, 2001–Present
- **Technical Consultant**, May 1999 – May 2000, ST Ordnance Development and Engineering Ltd.
- **Technical Consultant**, December 1996 – Present, Automation Division, GINTIC Institute of Manufacturing Technology, Republic of Singapore.
- Visiting Professor, 21 May – 6 June 2004, University of Western Australia, Australia.
- Visiting Professor, Hong Kong Chinese University, South China University of Technology, Academy of Mathematics and Systems Science, Chinese Academy of Science, 18 December – 2 June 2003,
- Visiting Professor, 14 –20 June 2003, Concordia University, Canada.
- Visiting Professor, 19 December 2002- 25 December 2002, City University of Hong Kong.
- Visiting Professor, 3 December 2001 – 1 January 2002, Shanghai Jiaotong University, China.
- Visiting Professor, 25 March – 8 April 2001, University of Petroleum, China.
- Visiting Professor, 1998, 1999, Department of Electrical & Electronics Engineering, The University of Melbourne, Australia.
- Visiting Professor, 1996, Laboratoire d'Automatique de Grenoble, France.
- Post-doctoral Research Associate, May 1992- June 1993, Leicester University, UK.

Awards and Scholarships

- Changjiang Guest Chair Professorship, Beijing University of Aeronautic and Astronautics, China Ministry of Education, 2008-2010.
- “Bai Ren Ji Hua” Professorship Award, South China University of China, 20 July 2007.
- Fellow, IEEE (Institute of Electrical and Electronic Engineers), 1 January, 2006.
- **2004 Outstanding Overseas Young Research Award** (2004 年中国国家自然科学基金海外杰出青年奖), National Science Foundation, China, RMB400K (with Jifeng Zhang, Institute of Mathematics and Systems Science, Chinese Academy of Science), (awarded on 22 Nov. 2004) 2005-2007.
- **Best Young Investigator Paper Award**, “Adaptive Iterative Learning Control for Strict-feedback Nonlinear Systems,” Beijing Section, IEEE Control Systems Society, at IEEE Intelligent Automation Conference, Hong Kong, December 15 - 17, 2003.

- **Best Theoretical Paper Award**, “Robust Adaptive Neural Control for a Class of Perturbed Strict Feedback Nonlinear Systems,” the 4th World Congress on Intelligent Control and Automation, Shanghai, 10-14 June, 2002.
- **Inaugural Temasek Young Investigator Award** on Intelligent Control of Unmanned Vehicles (with \$500,000 research fund, \$200,000 academic fund), Defence Science and Technology Agency (DSTA), Singapore, 24 April 2002.
- **Outstanding Young Researcher Award**, National University of Singapore, 2001.
- **National Technology Award of the National Science & Technology Board** for his contribution to the SMART 3D polishing/blending Robotic System, 1999, Singapore.
- **Finalist of best student paper awards**, [X.C. Lai](#), C.Y. Kong, S.S. Ge and A.A. Mamun, "Online map building for autonomous mobile robots by fusing laser and sonar data", Proceedings of IEEE International Conference on Mechatronics and Automation, pp. 993-998, Niagara Falls, Canada, 30 July – 1 August 2005.
- **Finalist of best student paper awards**, [C.H. Fua](#), S.S. Ge, K.W. Lim, “BOAs: Backoff adaptive scheme for task allocation with fault tolerance and uncertainty management,” Proceedings of the 19th IEEE International Symposium on Intelligent Control, pp. 162-167, Taipei, Taiwan, 2-4 September 2004.
- **Finalist of best student paper awards**, [T. Zhang](#), S.S. Ge and C.C. Hang, “Adaptive neural network control for strict-feedback nonlinear systems using Backstepping design,” American Control Conference, June 2-4, 1999, San Diego, CA, USA.
- **Best Paper Presentation** in Session ThA14 Neural Network based Adaptive Control, American Control Conference, [Boston, MA, USA, June 30- July 2, 2004](#).
- **Best Paper Presentation** in Sessions MM-9 Control of Flexible Structures I, and MM-19 Adaptive and Neural Control II, American Control Conference, Arlington, Virginia, 25-27 June 2001.
- **International Exchange Agreements Collaborative Research Award**, The University of Melbourne, Australia, December 1998 - December, 1999.
- **French Academic Exchange Award** (Ministry of Foreign Affairs), Laboratoire d'Automatique de Grenoble, Grenoble, France, December 1996.
- Sino-British Friendship Scholarship (British Council), Imperial College of Science, Technology and Medicine, University of London, UK, 1989 – 1992.
- Awarded 2nd prize in the General Physics Competition, BUAA, Beijing, 1984.

Honorary and Guest Professors

- Standing Steering Committee, 17th IEEE International Symposium on Robot and Human Interactive Communication (IEEE RO_MAN, 2008), 1-3 August 2008, Technische Universität München, Munich, Germany <http://www.ro-man2008.org>
- Member of Regional Steering Committee for IFAC World Congress, Seoul, Korea, July 6-11, 2008, <http://www.ifac2008.org/>
- International Advisory Board Member, International Conference on Control, Automation and Systems (ICCAS), Seoul, Korea, 17-20 October, 2007.

- Member, ACA education committee, The ACA Wook Hyun Kwon Education Prize, 2 May 2007.
- International Advisory Board Member, [SICE-ICASE International Joint Conference](#), Busan Exhibition & Convention Center, Busan, Korea, October 18-21, 2006.
- Member, Advisory Committee, [International Conference on Intelligent Computing](#), Kuming, Yunnang, China, 2006.
- Honorary Committee Member, International Workshop on Intelligent Systems and Intelligent Computing, Beijing, China, October 5- 6, 2006.
- Member, International Advisory Committee, Second IEEE Conference on Industrial Electronics and Applications (ICIEA), Harbin, China, 23 May to 25 May 2007.
- Guest Professor, University of Electronic Science and Technology of China, Chengdu, China, 2003.
- Guest Professor, Harbin Engineering University, Harbin, China, 2006-2009.
- Guest Professor, Northeastern University, Shenyang, China, 2006-2007.
- **Member of Advisory Committee**, Research Centre for Information and Control Engineering Technology, Nanjing Normal University, 2005.
- Associate Member, the Centre for Chaos Control and Synchronization, City University, Hong Kong.
- **Who's Who in the World**, 18th Edition, 2001.
- **Best Graduate Medallist**, Beijing University of Aeronautics and Astronautics (BUAA), Beijing, China, 1986.
- MSc candidate exempt from entrance examination by BUAA, Beijing, 1986.

Plenary, Keynotes and Invited Speakers

- Plenary Lecture, International Workshop on Intelligent Systems and Applications, Wuhan, China, May 23-24, 2009, <http://www.ieee-ais.org.cn>
- Plenary Lecture, “Advances and Beyond in Digital Book Publishing,” The 6th International Joint Conference on Computer Science and Software Engineering (JCSSE), Phuket, Thailand, May 13-15, 2009, <http://www.jcsse.org>.
- Plenary Lecture, “Recent Advances on Social Robotics,” 2008 Pacific-Asia Workshop on Computational Intelligence and Industrial Application (PACIIA) Wuhan, China, December 19-20, 2008 <http://www.pacii2008.cn>
- Plenary Lecture, “Intelligent Control of Autonomous Vehicles,” 7th International Symposium on Instrumentation and Control Technology (ISICT), Beijing University of Aeronautics and Astronautics, China, 10-13 October, 2008. <http://isict.buaa.edu.cn/information/>
- Plenary Speaker, “Robotics: The Past, the Present and the Future,” FIRA RoboWorld Congress China 2008, July 22 – 23, 2008, Qingdao, China, <http://2008.firachina.net>
- Member of Panel Discussion, “Integration of Information Technology and Automation,” IEEE International Conference on Information and Automation, ZhangJiaJie, Hunan, China, June 20 to June 24, 2008, www.icia2008.org.
- Invited Talk, “Robotics: the Past, the Present and the Future,” Imperial College Centenary Alumni Seminar: Developments in management, technology and healthcare, Organized by

Imperial College Alumni Association of Singapore, National Library Building, Singapore, 29 November 2007.

- Plenary Speaker, “Recent Advances in Adaptive Neural Network Control” the third IFAC workshop on Advanced Fuzzy and Neural Control, (<http://www.univ-valenciennes.fr/congres/afnc07/>), Valenciennes, France, 29-30 October 2007.
- Keynote Speaker, “Social Robotics: The integration of Advances in Engineering and Computer Science,” The 4th Annual International Conference organized by Electrical Engineering/Electronics, Computer, Telecommunication and Information Technology (ECTI) Association, Chiang Rai, Thailand, May 9-12, 2007, <http://www.ecticon2007.org/>.
- Invited Member of Panel Discussion, “Lights and Shadows of Intelligent Control,” European Control Conference, <http://www.ecc07.ntua.gr/>, Kos International Convention Center (KICC), Kos Island, Greece, 2-5 July 2007.
- Invited Speaker, “Expression Recognition and Tracking based on Distributed Locally Linear Embedding and Expression Motion Energy”, Workshop on Human Emotions in Voice and Body: Approached from affective sciences and virtual reality, Organized by the Swiss House Singapore, in cooperation with the Swiss Centre for Affective Sciences and MIRALab, University of Geneva, Singapore, 14-15 December 2006.
- **Invited Speaker**, “Future publication for education and mass distribution,” The 1st International Workshop for University and Professional Society Presses: Trends in STM and Academic Publishing, 14-15 Sept, 2006.
- **Plenary Speaker**, The 16th Chinese Process Control Conference & the 4th SAFEPROCESS Conference, Jinan, Shandong, China, July 31-August 4, 2005,
- **Invited Speaker**, “Output Feedback Control of Discrete MIMO Nonlinear Systems with Triangular Form Inputs,” The 13th Yale Workshop on Adaptive and Learning Systems, Yale University, New Haven, Connecticut, May 30- 1 June 2005.
- **Plenary Speaker**, “Energy-based Robust Controller Design for Flexible/Smart Materials Robots,” 2nd International Symposium on Intelligent and Complex Systems, Huazhong University of Science and Technology, Wuhan, China, 17-20 Oct., 2001.
- **Invited Speaker**, “Stable Neural Network Control of Nonlinear Systems” 26th International Nathiagali Summer College on Physics & Contemporary Needs, Islamabad, Pakistan, July 9-14, 2001
- **Invited Speaker**, “Uncertain Chaotic System Control via Adaptive Neural Design,” The first Asia-Pacific Workshop on Chaos Control and Synchronization, 28-29 June, 2001, Shanghai, China.
- **Invited Speaker**, “Design of Advanced Robotic Systems and Future Research” The International Workshop on The New Directions in Robotics, 2-4 March 2001, Dayuan Hotel, Beijing, China.
- **Keynotes Speaker**, “Dynamic Parameter Identification in OpenRob,” the Fourth Asian/Pacific International Symposium on Instrumentation, Measurement & Automatic Control (IMC'99), Beijing, China, 21-23 August, 1999.
- **Invited Tutorial**, “Advanced control techniques for robotic manipulators,” American Control Conference (ACC), Philadelphia, Pennsylvania, USA, June 24-26, 1998.

Professional Activities & Membership

Editorial Boards:

- Founder and Editor in Chief, International Journal of Social Robotics, Springer, 2008-.
- **Book Editor**, Taylor & Francis/CRC Press Automation and Control Engineering Series, 2006-Present.
- **Associate Editor**, China Science, April 2008-Present.
- **Associate Editor**, [IEEE Transactions on Automatic Control](#) (a flagship in control theory), 1 January 2004- March 2006.
- **Associate Editor**, [IEEE Transactions on Control Systems Technology](#) (a flagship in control applications), 1999 - 2006.
- **Corresponding Editor for Asia and Australia**, [IEEE Control Systems Magazine](#) (a flagship in control education), 2004-Present.
- **Associate Editor**, [IEEE Transactions on Neural Networks](#) (a flagship journal in neural networks), 2004-2007.
- **Associate Editor**, [Automatica](#) (a flagship journal of International Federation of Automatic Control (IFAC)), 2004-Present.
- **Editor at Large** for Asia and Oceania, Journal of Intelligent and Robotic Systems, May 2006- Present.
- **Editor**, [International Journal of Control, Automation, and Systems \(IJCAS\)](#), Korea, 2003-Present.
- Associate Editor, Transactions Institute of Measurement & Control, 2007-Present.
- **Editorial Board Member**, International Journal of Intelligent Systems, Technologies and Applications, Inderscience, UK, 2006-Present.
- **Associate Editor**, [Journal of Control Theory and Applications](#), South China University of Technology, China, 2003–Present .
- **Technical Editor**, International Journal of Information Acquisition (IJIA), World Scientific, 2003-Present.
- **International Members of the Editorial Committee**, Chinese Journal of Aeronautics, 2007–Present.
- **International Members of the Editorial Board**, Transactions on Intelligent Systems, China Artificial Intelligence Institution, 2007–Present.
- Associate Editor, Conference Editorial Board, IEEE Robotics and Automation Society, 2006-Present.
- **Guest Editor**, special issue on Recent Advances in Power System Control for the International Journal of Control, Automation, and Systems, Vol. 3, No. 2, June 2005.
- **Guest Editor**, Special issue on Recent Advances and New Directions in Switched Control Systems, Journal of Control Theory and Applications, China, 2006.
- **Guest Editor**, Special Issue on Large Scale Pattern Recognition and Distributed Intelligent Systems, International Journal of Intelligent Systems Technologies and Applications, 2006.

- Associate Editor, Institute of Engineering, Singapore, 2001.
- Associate Editor, Conference Editorial Board, Control Systems Society, IEEE, 1998 – 1999, and IEEE Conference on Decision and Control, 2003.
- Member, Microsoft RoboCup Simulation Match, China Robot Competition and RoboCup China Open, 5-7 December 2008, Guangzhou, China, www.rcccaa.org, www.robochina.cn

Professional Committees:

- **Vice President for Technical Activities**, IEEE Control Systems Society, 2009-2010.
- **Elected Member, Board of Governors (BOG)**, IEEE Control Systems Society, 2007-2009.
- **Appointed Member, Board of Governors (BOG)**, IEEE Control Systems Society, 2004, 2006.
- **Chair**, [Technical Committee on Intelligent Control](#) (TCIC), IEEE Control System Society, 2005- 2008.
- **Member, IEEE Long Range Committee**, IEEE Control Systems Society, 2005-2008.
- **Steering Committee Member and Publicity**, [Technical Committee on Intelligent Control](#) (TCIC), IEEE Control System Society, 2000 – June 2005.
- Member, Multimedia Tutorials Committee, [IEEE Computational Intelligence Society](#), 2005 - present.
- **Member, ad hoc Committee on Multiconference**, IEEE Control System s Society, 2004-2005.
- **Member, Best Student Paper Award Committee**, IEEE International Conference on Control Applications, Toronto, Canada, August 28-31, 2005.
- **Member, Best Student Paper Award Committee**, IEEE International Conference on Control Applications, Taipei, 2-4 Sept, 2004.
- **Chairman (2004-2005) and Treasurer** (2003, 2006, 2007), IEEE Singapore Section's Robotics and Automation (R&A) Chapter, Singapore.
- **Deputy Chair (2009-present), Member (2003-2008)**, IFAC [Technical Committee on Cognition and Control \(TCCC\)](#).
- **Chairman** (2003), Deputy Chairman and founding Member (2002), IEEE Chapter on Systems, Man and Cybernetics, Singapore.
- **Singapore Representative**, Asian Control Professor's Association (ACPA) Education Program Committee, 2001.
- **Member**, Technical Committee on Intelligent Systems, 2000-2003, Technical Committee on Robotics, 2000—2003, Technical Committee on Control, 2001-2004, The International Association of Science and Technology for Development (IASTED).
- **Event Chair and Member** of the Organizing Committee of the Annual Singapore Robotic Games, 1996- Present.

Conference Organisation:

International

1. Special Session Co-Chair, 2008 IEEE International Conference on Systems, Man, and Cybernetics, October 12-15, 2008, Singapore, <http://www.smc2008.org/>
2. Program Vice-Chair, SICE2008, The University of Electro-Communications, Tokyo, August 20 - 22, 2008, <http://www.sice.or.jp/event/international-e.html>.
3. Co-Chairing, HUM-ROBOTS, and Publicity Chair, ACHI 2008 || International Conference on Advances in Computer-Human Interaction || February 10-15, 2008 - Sainte Luce, Martinique, <http://www.iaria.org/conferences2008/ComACHI08.html>.
4. **General Chair**, inaugural IEEE Multiconference on Systems and Control (MSC) — IEEE Conference on Control Applications/IEEE International Symposium on Intelligent Control), IEEE Control Systems Society, Singapore, 2007.
5. **Invited Session Chair**, Sixth IEEE International Conference on Control and Automation, Guangzhou, China, May 30-June 1, 2007, <http://hdd.ece.nus.edu.sg/~icca07/>
6. **Vice Chair** for Interactive Sessions, 2006 IEEE Conference on Decision and Control, San Diego, December 13-15, 2006
7. **Chair, Steering Committee**, IEEE International Conference on Cybernetics and Intelligent Systems/ IEEE International Conference on Robotics, Automation and Mechatronics, Bangkok, June 2006.
8. **Vice Program Chair for Invited Sessions**, 20th IEEE International Symposium on Intelligent Control (in conjunction with Mediterranean Conference on Control and Automation), Cyprus, June 26-29, 2005.
9. **General Chair**, 19th IEEE International Symposium on Intelligent Control, IEEE Control Systems Society, Taipei, Taiwan, 2- 4 September 2004.
10. **Founding General Chair**, inaugural IEEE Conference on Robotics, Automation and Mechatronics/IEEE Conference on Cybernetics and Intelligent Systems, Singapore, 1-3 December, 2004.
11. **Programme Chair**, 18th IEEE International Symposium on Intelligent Control, IEEE Control Systems Society, October 5-8, 2003, Houston, Texas, USA.
12. **General Co-Chair and Publicity Chair**, 7th Asia-Pacific Conference on Control and Measurement, Tibet, China, 10-17 August, 2006.
13. **General Co-Chair and Publicity Chair**, 6th Asia-Pacific Conference on Control and Measurement, Chengdu, China, 12-19 August, 2004.
14. **General Co-Chair and Publicity Chair**, 5th Asia-Pacific Conference on Control and Measurement, Lijiang, Yunan, China, 8-12 July, 2002.
15. **Publicity Chair**, the Fourth DCDIS International Conference on Engineering Applications and Computational Algorithms, Guelph, Ontario, Canada, July 27-29, 2005
16. **Publicity Co-Chair**, the Third International DCDIS Conference on Engineering Applications and Computational Algorithms, Guelph, Ontario, Canada, 15-18 May 2003.

Local/Regional

1. Member, International Organising Committee, Marine Operations Specialty Symposium (MOSS), Singapore, March 6-7, 2008. www.moss2008.org
2. Tutorials/Workshop Co-Chairs, [IEEE International Conference on Information Acquisition](#), June 27- July 3, Chinese University of Hong Kong, Hong Kong and Macau, 2005.
3. Publicity Chair, [2004 International Conference on Dynamics, Instrumentation and Control](#), August 18-20, 2004, Nanjing, China
4. **Organizing Committee Member**, Italy-Korea-Singapore Workshop on Mechatronics in Medicine and Biology, The Oriental, Singapore, 27 February 2003
5. **Workshop Co-Chair**, The 4th Asian Control Conference, Singapore, September 2002.
6. **Program Co-Chair**, International Conference on Computational Intelligence, Robotics and Autonomous Systems, November 28-30, 2001, Singapore.
7. **Invited Session Chair and Publicity Chair**, The 4th Asian Conference on Robotics and its Applications (ACRA'01), Singapore, 6-8 June, 2001.
8. **Publicity Chair**, 4th International Conference on Mechatronics Technology (ICMT'01), 6-8 June, 2001, Singapore
9. **Publicity Chair**, the 4th Asia-Pacific Conference on Control and Measurement, 9-12 July, 2000, Guilin, China

Members of International Program Committee

1. Associate Editor, IEEE RAS Conference Editorial Board (CEB) as an Associate Editor (AE) for the 2008 IEEE International Conference on Robotics and Automation (ICRA'08).
2. 16th IEEE Mediterranean Conference on Control and Automation (MED'08), Corsica Island, France, June 2008.
3. 10th International Conference on Climbing and Walking Robots and the Supporting Technologies for Mobile Machines, 16-18 July, 2007, Singapore
4. The 7th World Congress on Intelligent Control and Automation (WCICA'08), Chongqing, China, June 25-27, 2008.
5. IEEE International Conference on Mechatronics and Automation 2007 (IEEE ICMA 2007), Harbin, Heilongjiang, China, August 5 - 8, 2007. <http://www.ieee-icma.org/>
6. International conference Science of Electronics, Technologies of Information and Telecommunications ([SETIT'2007](#)), Hammamet, Tunisia, 25-29 March, 2007.
7. 46th IEEE Conference on Decision and Control, Hilton New Orleans Riverside, New Orleans, Louisiana USA, December 12-14, 2007.
8. IASTED International Conference on Computational Intelligence (CI) 2007, Banff, Alberta, Canada, July 2 – 4, 2007.
9. Associate Editor, IEEE RAS Conference Editorial Board (CEB) as an Associate Editor (AE) for 2007 IEEE International Conference on Robotics and Automation (ICRA'07), Roma, Italy, 10 - 14 April, 2007.

10. 9th International Conference on Control, Automation, Robotics and Vision (ICARCV 2006), Singapore, 5-8 December, 2006.
11. 3rd international conference on soft computing and intelligent systems and 7th International Symposium on Advanced Intelligent Systems (SCIS&ISIS 2006), Tokyo Institute of Technology, Tokyo, Japan, September 20-24, 2006.
12. 10th International Conference on Knowledge-Based Intelligent Information & Engineering Systems (KES'2006), University of Bournemouth, United Kingdom, 9- 11 October 2006.
- 13. 4th International IEEE Conference on Industrial Informatics (INDIN'06)**, Grand Copthorne Waterfront Hotel, Singapore, 16-18 August 2006.
14. The 6th World Congress on Intelligent Control and Automation, Dalian, China, 21-23 June 2006.
15. 2006 IEEE International Conference on Robotics and Automation, Orlando, Florida, USA, May 15-19, 2006.
16. International Conference on Computational Engineering in Systems Applications, Beijing China, October 4-6, 2006.
17. Asian Control Conference (AsCC'2006), Bali, Indonesia, 18-21 July 2006.
18. 8th International Conference on Climbing and Walking Robots and the Support Technologies for Mobile Machines, London, UK, September 13-15, 2005.
19. IEEE International Workshop on Safety, Security and Rescue Robotics, International Rescue System Institute, Kobe, Japan, June 6-9, 2005.
20. IASTED IASTED International Conference on Intelligent Systems and Control (ISC), Cambridge, MA, USA - October 31-November 2, 2005.
21. 2005 IEEE International Conference on Mechatronics and Automation, Niagara Falls, Ontario, Canada, July 29-August 1, 2005.
22. IASTED International Conference on Robotics and Applications, Cambridge, USA, October 31 - November 2, 2005.
23. IASTED International Conference on Computational Intelligence, Calgary, Canada, July 4-6, 2005.
24. The 11th International Conference on Neural Information Processing, Science City, Calcutta, India, November 22-25, 2004.
25. International Symposium on Experimental Robotics (ISER), Singapore, 18-21 June 2004.
26. 10th IEEE Real-Time and Embedded Technology and Applications Symposium Toronto, Canada, May 25 - May 28, 2004.
27. The 8th International Workshop on Variable Structure Systems (VSS'04), Technical University of Catalonia, Spain, from 6 to 8 September 2004.
28. IASTED International Conference on Robotics and Applications (RA 2004), Honolulu, Hawaii, USA from August 23- August 25, 2004.
29. IASTED International Conference on Intelligent Systems and Control (ISC 2004 Honolulu, Hawaii, USA, August 23- August 25, 2004.
30. 6th IASTED International Conference on Control and Applications (CA 2004), California, USA from March 1- March 3, 2004.

31. The Third Triennial International ETAI Conference on Applied Automatic Systems (AAS03), Ohrid, Republic of Macedonia, 18-20 September 2003.
32. 2003 IEEE Conference on Control Applications, Istanbul, 23-25 June 2003.
33. The 4th International Conference on Industrial Automation, Montreal, Canada, 9-11 June 2003.
34. The Fourth International Conference on Control and Automation, Montreal, Canada, 10-12 June 2003.
35. IASTED International conference (a) on conference on Modelling and Simulation, (b) Intelligent System and Control, (c) Robotics and Applications, 2003.
36. The 4th International Conference on Nonlinear Problems in Aviation and Aerospace, Daytona Beach, Florida, USA, 15-17 May, 2002.
37. The 17th IEEE International Symposium on Intelligent Control, 27 –30 October, 2002, Vancouver, BC, Canada.
38. IASTED International conference (a) on Intelligent Systems and Control (ISC), (b) on Power and Energy Systems, (c) on Automation, Control, and Information Technology (ACIT), (d) on Signal and Image Processing (SIP), 2002.
39. IASTED International conference on (a) Intelligent Systems and Control (ISC), and (b) Measurement and Control, 2001.
40. IEEE Conference on Control Applications (CCA), 5-7 September 2001, Mexico City, Mexico.
41. The 16th IEEE International Symposium on Intelligent Control, 5-7 September 2001, Mexico City, Mexico.
42. The 3rd Asian Control Conference, 4-7 July, 2000, Shanghai, China.
43. The 15th IEEE International Symposium on Intelligent Control, July 17-19, 2000, University of Patras, Rio, Greece.
44. The 6th International Workshop on Variable Structure Systems, Gold Coast in Australia 7-9 December 2000.
45. The 14th IEEE International Symposium on Intelligent Control, Massachusetts, USA, 15-17 September, 1999.
46. The 3rd International Conference on Industrial Automation, Montreal, Canada, 7-9 June, 1999.
47. IFAC Workshop on Motion Control, Grenoble, France, 21-23 September, 1998.

Regional/Local

48. 1st [International Symposium on Systems and Control in Aero space and Astronautics](#) (ISSCAA), Harbin, China, January 19-21, 2006.
49. International Symposium on Neural Networks, Dalian, China, August 19-21, 2004.
50. Asian Control Conference, Grand Hyatt, Melbourne, Australia, 20-23 July 2004.
51. The Chinese Intelligent Automation Conference, mid-October (CIAC), October 2003, Hong Kong.

52. The First International Conference on Control and Automation, Xiamen, China, 16-19, June 2002
53. Chinese Control Conference (CCC), August 2002, Hangzhou, China
54. The 4th World Congress on Intelligent Control and Automation, Shanghai, 10-14 June 2002.
55. Information, Decision and Control, Adelaide, Australia, 11 - 13 February 2002.
56. The 2nd International Symposium on Intelligent and Complex Systems (ISICS'01), Huazhong University of Science and Technology, Wuhan, China, Three-Gorge Yantze River Cruise, October 17-20, 2001
57. Chinese Control Conference (CCC), August 2001, Dalian, China.
58. The 3rd Asia-Pacific Conference on Control and Instrumentation, Dunhuang, China, 31 August - 4 September, 1998.