

## PANOS ANTSAKLIS - PROFESSIONAL ACTIVITIES

### Current Professional Activities

- Editor-in-Chief, *IEEE Transactions on Automatic Control*, 2010 - .
- Chair of the Scientific Advisory Board (Fachbeirat) of the Max-Planck-Institut für Dynamik komplexer technischer Systeme, Magdeburg, Germany 2008-2010. Member since 2002.
- President of the Mediterranean Control Association (MCA), since 1998.
- Invited expert for strategy planning on control, hybrid and embedded systems research of the Commission of the European Union, Directorate-General Information Society, Information Society Technologies, since 2000.
- Editorial Board Member, of the journal *International Journal of Hybrid Systems*, since 2002.
- IFAC H

### Past Professional Activities ARCHIVED

- Editor-Elect of *IEEE Transactions on Automatic Control*, 2009.
- Chair of the Awards Committee of the IEEE Control Systems Society (CSS), 2002-2008.
- Associate Editor At Large (AEAL), of the journal *IEEE Transactions on Automatic Control*, 2000-2008.
- Editorial Board Member, of the journal *Discrete Event Dynamic Systems: Theory and Applications*, 1996-2009.
- Member of the Advisory Committee for the Instituto de Sistemas e Robotica (ISR) of the Instituto Superior Tecnico (IST) of the University of Lisbon, Portugal, since 1998-2002.
- President's Council of Advisors for Science and Technology (PCAST) subcommittee on Networking and Information Technology. 2006-07.
- Guest Editor, Special issue on " Technology of Networked Control Systems," *Proceedings of the IEEE*, 2005-07.
- Guest Editor, Special issue on "Networked Control Systems," *IEEE Transactions on Automatic Control*, Vol.49, No.9, September 2004.
- Editorial Board Member, of the journal of *Dynamics of Continuous, Discrete and Impulsive Systems, Series B: Application and Algorithms*, 2001-02.
- Editorial Board Member, of the journal *Intelligent Control and Systems*, 1996-2002.
- Guest Editor, Special issue on "Hybrid Systems: Theory and Applications," *Proceedings of the IEEE*, July 2000.
- Guest Editor, Special issue on "Applications of Control and Automation to Agriculture," *IEEE Control Systems Magazine*, October 2001.
- Editorial Board Member, of the journal *Information Sciences*, 1998-2002.
- Editor, IEE Control Engineering Book Series 1989- 1995.
- Associate Editor, *IEEE Transactions on Neural Networks*, 1989- 1993.
- Founding Associate Editor for Letters, *IEEE Transactions on Neural Networks*, 1989-1990.
- Associate Editor, *IEEE Transactions on Automatic Control (AC)*, 1985-1986.
- Member, Linear Systems Committee, *IEEE Transactions on AC*, 1983-1984.
- Program Vice-Chair, European Control Conference 2009 (ECC'09), Budapest, Hungary, 2009.
- Program Chair, European Control Conference 2007 (ECC'07), Kos, Greece. July 2-6, 2007.
- Organizer and co-Chair of the "Symposium to Honor Bill Wolovich," Cancun, Mexico, (preceding the 2008 CDC) December 7, 2008.
- Co-Organizer and General co-Chair of the Workshop on Networked Embedded Sensing and Control, University of Notre Dame, October 16-17, 2006.
- General co-Chair, 15th IEEE Mediterranean Conference on Control and Automation (MED'07), Athens, Greece, June 27-29, 2007.
- Co-Organizer and General co-Chair of the Workshop on Networked Embedded Sensing and Control, University of Notre Dame, October 17-18, 2005.

- Organizer of the 2002-2003 Brosey Distinguished Lectures in Networked Embedded Systems at the University of Notre Dame, Spring 2003. (See <http://www.nd.edu/~cam/broseylectures.htm> ).
- General Chair of the Workshop “Contemporary Issues in Systems Stability and Control with Applications” in Honor of Anthony N. Michel, Notre Dame, IN, April 5, 2003.
- Organizer/Moderator of the US/EU Workshop “Advanced hybrid systems theory for the control of networked systems” in Barcelona, Spain on July 21, 2002 at the IFAC’02. This workshop was co-sponsored by NSF and the European Commission, IST Programme, Brussels, Belgium. (with M.Morari, ETH, Zurich, Switzerland)
- President IEEE Control Systems Society (CSS), 1997.
- President-Elect IEEE CSS, 1996. Past-President IEEE CSS, 1998.
- Chairman of the Technical Committee on Fuzzy and Neural Systems of the International Federation of Automatic Control (IFAC), 1999-2002.
- Member of the IEEE Control Systems Society (CSS) Nominating Committee, 2000.
- Chair of the IEEE Control Systems Society (CSS) Nominating Committee, 1998.
- Vice President, Conferences; IEEE CSS, 1994-95.
- Member of Executive Committee; IEEE CSS, 1994-97.
- Member of the Board of Governors (Elected), IEEE CSS, 1991- 93; 1994- 96.
- General Chair, 34th IEEE Conf. on Decision and Control, New Orleans, LA, December 1995.
- General Chair, 8th IEEE Intern Symposium on Intelligent Control, Chicago IL, August 1993.
- Program Chair, 30th IEEE Conf. on Decision and Control, Brighton, England, December 1991.
- Director, American Automatic Control Council (AACC) 1996-97; Director (alternate) AACC 1994-95.
- Chair, IEEE CSS Task Force on Defining Intelligent Control, 1993-94.
- Chair, IEEE CSS Society Brochure committee, 1993-94.
- Chair, Technical Committee on Theory, IEEE Control Systems Society (CSS), 1988-1990.
- Group Leader, Control Systems of Technical Committee on Intelligent Control, IEEE CSS, 1989- 93
- Member, IFAC Technical Committee on Theory, 1991-93.
- Member-at-Large, Technical Activities Board, IEEE CSS, 1987-1990 .
- Chair, Student Activities IEEE CSS, 1984.
- Member, Financial Activities Board, IEEE CSS, 1980-1983.
- Organizer and Moderator of the Panel Discussion "Real-time Systems, Sensor/Actuator Networks and Autonomous Vehicles: What do they have in Common?" at the Workshop on Networked Embedded Sensing and Control, University of Notre Dame, October 17-18, 2005.
- Chair, Student Affairs, IEEE Conference on Decision and Control, (43<sup>rd</sup> IEEE CDC), 2004.
- Member of the Hybrid Systems Computation and Control Steering Committee, 1997-2002.
- Chair, International Program Committee, IFAC Workshop “Advanced Fuzzy/Neural Controls 2001,” Valencia, Spain. October 15-16, 2001.
- General co- Chair of the 8th IEEE Mediterranean Symposium on Control and Automation, University of Patras, Rio, Greece, 2000.
- Organizer and Moderator of the conference-wide Panel Discussion "At the Gates of the Millennium: Are we in Control?" at the 38<sup>th</sup> IEEE Conference on Decision and Control in Phoenix, AZ, December 8, 1999.
- Co-Organizer of the NSF/IEEE CSS Workshop on "New Directions in Control Engineering Education," University of Illinois in Urbana-Champaign, October 2-3, 1998.
- General Chair, Hybrid Systems V Workshop, University of Notre Dame, Notre Dame, IN, September 11-13, 1997.
- Co-Chair Int'l Program Committee, 2nd Asian Control Conf. (ASCC'97), Seoul, Korea, July 22-25, 1997.

### **On-going Professional Activities**

- Program Committee Member, Invited Session Organizer, Session Chair, for the IEEE Conf. on Decision and Control (CDC), the American Control Conference (ACC), IEEE Intern. Symposium on Intelligent Control, IEEE Intern. Conf. on Neural Networks and others.
- Reviewer of papers submitted to journals and conferences. Reviewer of proposals to funding agencies.

### **PROFESSIONAL AND HONOR SOCIETIES**

Sigma Xi; Tau Beta Pi; IEEE; Technical Institute of Greece; Society of Mech. and Electr. Engr. of Greece.

#### **VOLUNTEER SERVICE TO THE COMMUNITY**

- Founding President, Hellenic Cultural Society, Saint Andrew's, South Bend, Indiana.  
President, since 1992.
- Director and Teacher of the Greek School at Saint Andrew's in South Bend, Indiana (1992-1997).

He was awarded the 1996 Service Award, of the Saint Andrew's Greek Orthodox Church, South Bend, Indiana for services as the Director of the Greek School and the President of the Hellenic Cultural Society.