

PROFESSIONAL ACTIVITIES

CURRENT & RECENT (2007-08)

- General co-Chair, 15th IEEE Mediterranean Conference on Control and Automation (MED'07), Athens, Greece, June 27-29, 2007. (<http://med.ee.nd.edu/>)
- Program Chair, European Control Conference 2007 (ECC'07), Kos, Greece, July 2-6, 2007. (<http://ecc07.ntua.gr/>)
- General co-Chair, Workshop on Networked Distributed Systems for Intelligent Sensing and Control, Kalamata, Greece, June 30, 2007. (<http://med.ee.nd.edu/>)
- Chair of the Awards Committee of the IEEE Control Systems Society (CSS).
- President of the Mediterranean Control Association (MCA).
- President's Council of Advisors for Science and Technology (PCAST) subcommittee on Networking and Information Technology.
- Member of the Scientific Advisory Board (Fachbeirat) of the Max-Planck-Institut für Dynamik komplexer technischer Systeme, Magdeburg, Germany.
- 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.
- 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.
- Guest Editor, Special issue on " Technology of Networked Control Systems," *Proceedings of the IEEE*, January 2007.
- Associate Editor At Large (AEAL), of the journal *IEEE Transactions on Automatic Control*.
- Editorial Board Member, of the journal *International Journal of Hybrid Systems*.
- Editorial Board Member, of the journal *Discrete Event Dynamic Systems: Theory and Applications*.

ARCHIVED

- President's Council of Advisors for Science and Technology (PCAST) subcommittee on Networking and Information Technology. 2006-07.
- Member of the Scientific Advisory Board (Fachbeirat) of the Max-Planck-Institut für Dynamik komplexer technischer Systeme, Magdeburg, Germany 2002-2007.
- 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.
- 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.

IEEE CONTROL SYSTEMS SOCIETY (CSS)

<http://www.ieeecss.org>

- Chair of the Awards Committee of the IEEE Control Systems Society (CSS), since 2002.
- President IEEE Control Systems Society (CSS), 1997.
- President-Elect IEEE CSS, 1996. Past-President IEEE CSS, 1998.
- 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.
- 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

MEDITERRANEAN CONTROL ASSOCIATION (MCA)

<http://www.nd.edu/~pantsakl/MCA/>

The Mediterranean Control Association is the parent organization of the annual Mediterranean Conference on Control and Automation (MED). The 2007 MED in Athens Greece was the 15th annual MED. (<http://med.ee.nd.edu>).

- President of the Mediterranean Control Association (MCA), since 1998.

INTERNATIONAL FEDERATION OF AUTOMATIC CONTROL (IFAC)

<http://www.ifac-control.org/>

- 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.

CONFERENCES AND WORKSHOPS

- General co-Chair, 15th IEEE Mediterranean Conference on Control and Automation (MED'07), Athens, Greece, June 27-29, 2007.
- General co- Chair of the 8th IEEE Mediterranean Symposium on Control and Automation, University of Patras, Rio, Greece, 2000.
- 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.
- Chair, Student Affairs, IEEE Conference on Decision and Control, (43rd IEEE CDC), 2004.
- Organizer and Moderator of the conference-wide Panel Discussion "At the Gates of the Millennium: Are we in Control?" at the 38th IEEE Conference on Decision and Control in Phoenix, AZ, December 8, 1999.
- Program Chair, European Control Conference 2007 (ECC'07), Kos, Greece, July 2-6, 2007.
- General co-Chair, Workshop on Networked Distributed Systems for Intelligent Sensing and Control, Kalamata, Greece, June 30, 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 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.
- 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.
- General Chair, Hybrid Systems V Workshop, University of Notre Dame, Notre Dame, IN, Sept r 11-13, 1997.
- 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)

- Member of the Hybrid Systems Computation and Control Workshop Steering Committee, 1997-2002.
- Chair, International Program Committee, IFAC Workshop "Advanced Fuzzy/Neural Controls 2001," Valencia, Spain. October 15-16, 2001.
- 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.
- Co-Chair Int'l Program Committee, 2nd Asian Control Conf. (ASCC'97), Seoul, Korea, July 22-25, 1997.

EDITORSHIPS

- Associate Editor At Large (AEAL), of the journal *IEEE Transactions on Automatic Control*, since 2000.
- Editorial Board Member, of the journal *International Journal of Hybrid Systems*, since 2002.
- Editorial Board Member, of the journal *Discrete Event Dynamic Systems: Theory and Applications*, since 1996.
- 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.
- 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.

- Guest Editor, Special issue on "Technology of Networked Control Systems," (with J. Baillieul), *Proceedings of the IEEE*, January 2007.
- Guest Editor, Special issue on "Networked Control Systems," (with J. Baillieul), *IEEE Transactions on Automatic Control*, Vol.49, No.9, September 2004.
- Guest Editor, Special issue on "Agriculture and the Environment," (with N. Sigrimis, and P. Groumos), *IEEE Control Systems Magazine*, Vol.21, No.5, October 2001.
- Guest Editor, Special issue on "Hybrid Systems: Theory and Applications," *Proceedings of the IEEE*, July 2000.
- Guest Editor, Special issue on "Hybrid Systems," (with M.D. Lemmon) *Journal on Discrete Event Dynamic Systems*, Vol. 8, No. 2, June 1998.
- Guest Editor, Special issue on "Hybrid Control Systems," (with A. Nerode) *IEEE Transactions on Automatic Control*, Vol. 43, No. 4, April 1998.
- Guest Editor, Special issue on "Intelligence and Learning," *IEEE Control Systems Magazine*, June 1995.
- Guest Editor, Special issue on "Neural Networks in Control Systems," *IEEE Control Systems Magazine*, April 1992.
- Guest Editor, Special issue on "Neural Networks in Control Systems," *IEEE Control Systems Magazine*, April 1990.

ADDITIONAL

- 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>)
- 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, 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.