

- Technical Program Chair, *ASME Heat Transfer Summer Conference*, San Francisco, CA, July 17-22, 2005.
- Conference Co-Chair, *ASME-ZSIS International Thermal Sciences Seminar*, ITSS 2004, Bled, Slovenia, June 13-16, 2004.
- Executive Committee Member and Past Chair, *IEEE/ASME ITherm 2004*, Las Vegas, NV, June 1-4, 2004.
- International Scientific Committee Member, "International Symposium on Micro and Nano Technology," ISMNT-1, Hawaii, March 14-17, 2004.
- Symposium Chair and Session Organizer, "Micro-and Nano-scale Heat Transfer in Electronics," IMECE'03, HTD and EPPD, Washington, D.C., November 17-21, 2003.
- *Symposium in Honor of Richard Chu*, Session Chair, ASME International Mechanical Engineering Congress and Exposition, Washington, D.C., November 17, 2003.
- Scientific and Medical Advisory Board, "Pittsburgh Bone Symposium," Pittsburgh, PA, August 22, 2003.
- *ASME InterPACK 2003, The Pacific Rim/ASME International Electronic Packaging Technical Conference and Exhibition*, Maui, Hawaii, July 6-11, 2003
 - Track Chair, Sessions Organizer, *Microelectromechanical Systems (MEMS) and Nanoscale Phenomena in Electronics*
 - Panel Co-organizer, *MEMS and Nanoelectronics Cooling: Lessons from Microelectronics Cooling and Beyond*
 - Panel Moderator, *International Research and Development on Micro/Nanoelectromechanical Systems*
 - Tutorial course, co-taught with Dereje Agonafer, *Computational Modeling of Sub-micron and Nano-scale Heat Transfer with Applications to Electronics*
- General Chair, Eighth Intersociety IEEE/ASME Conference on Thermal, and Thermomechanical Phenomena and Emerging Technologies in Electronic Systems, *ITherm '02*, url: www.itherm.org, San Diego, CA, May 29-June 1, 2002.
- Conference Chair, "Infrastructure for Collaborative Enterprises," WETICE, IEEE, Pittsburgh, PA, June 10-12, 2002.
- Symposium Organizer and Session Chair, "Nanoscale Thermal Management of Electronics," IMECE '02, New Orleans, LA, November 2002.
- Scientific Committee, 8th Latin American Congress Heat and Mass Transfer, Veracruz, Mexico, February 20-23, 2001.
- Scientific Committee Member, 5th Latin-American and Caribbean Congress on Fluid Mechanics, LACAFLUM 2001, Caracas, Venezuela, May 14-17, 2001.
- Sessions Organizer, "Thermal Management of Portable Electronics" and "MEMS-based Thermal Management," *InterPACK '01, The Pacific RIM/ASME International Intersociety Electronic & Photonic Packaging Conference*, Hawaii, July 11-14, 2001.
- Symposium Organizer and Sessions Co-Chair, "Nanoscale Thermal Management of Electronic Devices I-III," and "MEMS-enabled Electronics Cooling," IMECE '01, New York, NY, November 11-16, 2001.
- Advisory Committee, *ASME-ZSITS International Thermal Science Seminar*, Bled, Slovenia, June 2000.
- Conference Organizing Committee, *ASME InterPACK '99, The Pacific Rim/ASME Int. Intersociety Electronic and Photonic Packaging Conference*; also, Sessions Chair, "Heat Pipe Applications to Laptop Thermal Management" and "Thermal Design of Portable Computers," Kauai, Hawaii, June 1999.
- Sessions Organizer, "Fundamentals of Heat Transfer in Transitional Flows," and "Multidisciplinary Inverse Problems and Optimization in Heat Transfer," IMECE '98, Anaheim, CA, November 1998.
- Symposium Co-organizer, "Symposium on Benchmark Problems for Computational Fluid Dynamics in Electronics Packaging," IMECE '98, Anaheim, November 1998.
- Scientific Committee, *Latcym '98*, Salta, Argentina, October 1998.
- Conference Organizing Committee, *ASME/IEEE/CPMT/NIST, ITherm '98*, Seattle, WA, May 1998.

- Symposium Organizer, "Thermal Management of Portable Electronics," and Panel Chair, "Thermal Mechanical Challenges in the Packaging of Laptops," InterPACK '97, The Pacific RIM/ASME International Intersociety Electronic & Photonic Packaging Conference, Hawaii, June 15-19, 1997.
- Session Chair, "Fundamentals of Bubble and Droplet Dynamics," ASME Heat Transfer Conference, Baltimore, MD, August 1997.
- Symposium Organizer, "Thermal Management of Hand-Held, Wearable and Portable Electronics," ASME Heat Transfer Conference, Baltimore, MD, August 1997.
- Symposium Chair, "International Initiatives and Programs," 1997 Frontiers in Education Conference, IEEE/ASEE, Teaching and Learning in an Era of Change, Pittsburgh, PA, November 1997.
- Scientific Conference Program Committee Member and Session Organizer, "Thermal Issues Related to Portable Electronics," Fifth IThERM ASME/IEEE/ISHM/NIST Conf. on Thermal Phenomena in Electronic Systems, Orlando, FL, May 1996.
- Session Organizer, "Multidisciplinary Design Optimization in Heat Transfer," IMECE '96, Atlanta, GA, November 1996.
- Session Chair, "Transitional and Low Reynolds Number Turbulent Forced Convection in Electronic Packaging," ASME Int. Mech. Eng. Congress and Exposition, IMECE '95, San Francisco, CA, November 1995.
- Session Co-Organizer, "Proposed Problems and Solutions to CFD Benchmark Problems in Electronic Packaging," ASME Int. Mech. Eng. Congress and Exposition, IMECE '94.
- Scientific Committee Member and Session Chair, Fourth IThERM ASME/IEEE/ISHM/NIST Conf. on Thermal Phenomena in Electronic Systems, Washington, D.C., May 5-9, 1994.
- Session Co-Organizer, "Analytical and Computational Convective Thermal Modeling," 1993 ASME Int. Electronics Packaging Conf., Binghamton, NY, September 1993.
- Session Chair, "Solutions to CFD Benchmark Problems in Electronic Packaging," ASME Heat Transfer Conf., August 1993.