

Recent Professional Activities

- International Advisory Board and session chair, 2017 International Symposium on Sputtering and Plasma (ISSP), Kanazawa, Japan, July 2017.
- Collaborative Research Fund Committee, University Grant Committee, Hong Kong, 2015-2018.
- Advisory Committee, 7th International Conference on Computer Aided Design for Thin-Film Transistors (CAD-TFT2016), Beijing, China, October 26-28, 2016.
- Organizer and Chairman, 13th Thin Film Transistor Technologies (TFT 13) Symposium, Electrochem. Soc., Honolulu, October 2-7, 2016.
- Program committee, 12th International Thin-Film Transistor Conference, Hsinchu, Taiwan, February 25-26, 2016.
- Symposium co-organizer, ECS International Symposium On Nanocrystal Embedded Dielectrics For Electronic and Photonic Devices, Phoenix, AZ, Oct. 11-16, 2015.
- Manuscript Review Committee, SBMicro 2015, 30th Symposium on Microelectronics Technology and Devices, Salvador - Bahia - Brazil - August 31 to September 4, 2015.
- International Advisory Board and session chair, 2015 International Symposium on Sputtering and Plasma (ISSP), Kyoto, Japan, July 8-10, 2015.
- Program Committee and session chair, AM-FPD '15, Japan Society of Applied Physics, Kyoto, Japan, July 2015.
- Organizer and Chair, Engineering Conferences International 5th International Conference on Semiconductor Technology for Ultra Large Scale Integrated Circuits and Thin Film Transistors, Tahoe City, CA, June 14-18, 2015.
- Program Committee, 11th International Thin-Film Transistor Conference, Rennes, France, February 26-27, 2015.
- Task Force of Electrochem. Soc. Publication Committee, 2014
- Advisory Committee, 1st China TFT Conference, Shanghai, China, Oct. 15-17, 2014.
- Organizer and Chairman, 12th Thin Film Transistor Technologies (TFT 12) Symposium, Electrochem. Soc., Cancun, October 5-10, 2014.
- Program Committee, AM-FPD '14, Japan Society of Applied Physics, Kyoto, Japan, July 2014.
- Hong Kong Research Grants Council (NSF equivalent), Engineering Panel, 2008-2012.
- Conference co-chair and Chair of Awards Committee, SEMI and ECS China Semiconductor Technology International Conference (CSTIC), Shanghai, March 18-20, 2014.
- Organizer and Symposium Chair, Semiconductor Science and Technology in Chemical Engineering Symposium, 7th Sino-USA Joint Chemical Engineering Conference, Beijing, China, October 14-19, 2013.

- Organizer and Chair, Engineering Conferences International 4th International Conference on Semiconductor Technology for Ultra Large Scale Integrated Circuits and Thin Film Transistors, Grenoble, France, July 8-11, 2013.
- Program Committee, AM-FPD '13, Japan Society of Applied Physics, Kyoto, Japan, July 2-5, 2013.
- Executive Committee and Chair of Awards Committee, SEMI and ECS China Semiconductor Technology International Conference (CSTIC), Shanghai, March 17-18, 2013.
- Advisory Board, 12th International Symp. Sputtering and Plasma Processes, ISSP2013, The Vacuum Society of Japan, Kanazawa, Japan, July 2013.
- Co-organizer, Symposium on Nanocrystal Embedded Dielectrics for Electronic and Photonic Devices, ECS International Meeting, Toronto, May 12-17, 2013.
- Organizer and Chairman, 11th International Thin Film Transistor Technologies (TFT 11) Symposium, Electrochem. Soc., Honolulu, HI, October 2012.
- Hong Kong Research Grants Council, Engineering Panel, 2008-2012.
- Program Committee, AM-FPD '12, Ryukoku University, Kyoto, Japan, July 4-6, 2012.
- Executive Committee and Chair of Awards Committee, SEMI and ECS China Semiconductor Technology International Conference (CSTIC), Shanghai, March 18-19, 2012.
- Program Committee, 8th International Thin-Film Transistor Conference, Lisbon, Portugal, January 30-31, 2012.
- Organizing committee, Solar Cells symposium, American Vacuum Society, Nashville, TN, October, 2011.
- Committee, 2011 International Conference on Flexible and Printed Electronics, Tokyo, Japan, September 22-23, 2011.
- Organizer and Chair, Engineering Conferences International 3rd International Conference on Semiconductor Technology for Ultra Large Scale Integrated Circuits and Thin Film Transistors, Hong Kong, July 3-8, 2011.
- Program Committee, AM-FPD '11, Tokyo Institute of Technology O-okayama Campus, Japan, July 2011.
- Advisory Board, 12th International Symp. Sputtering and Plasma Processes, ISSP2011, The Vacuum Society of Japan, Kanazawa, Japan, July 2011.
- Subcommittee, Reliability of Thin Film Transistors, IEEE International Reliability Physics Symposium (IRPS), May 2011.
- Executive Committee and Chair of Awards Committee, SEMI and ECS China Semiconductor Technology International Conference (CSTIC), Shanghai, March 13-14, 2011.
- Advisory Committee, 7th International Thin-Film Transistor Conference, Cambridge, UK, March 3-4, 2011.
- Co-organizer, ECS Symp. Nanocrystal Embedded Dielectrics for Electronic and Photonic Devices, Montreal, Canada, May 2011.
- PhD committee, PhD thesis, Ramadan Saleem, Ohio University, Department of Industrial Engineering, 2010-2011.

- Co-chair, PhD thesis, Chia-Han Yang, University of Tennessee, Department of Industrial Engineering, Knoxville, TN 2007-2011.
- Organizer and Chairman, 10th International Thin Film Transistor Technologies (TFT 10) Symposium, Electrochem. Soc., Las Vegas, October 2010.
- Section chair, ECS Symposium on High Dielectric Constant and Other Dielectric Materials for Nanoelectronics and Photonics 8, Las Vegas, October 2010.
- Program Committee, AM-FPD '10, Tokyo Institute of Technology O-okayama Campus, Japan, July 5-7, 2010.
- Committee Thin Film Electronics Reliability, International Reliability Physics Symposium, Anaheim, CA, May 2-6, 2010.
- Subcommittee Reliability of Thin Film Transistors, International Reliability Physics Symposium, Anaheim, CA, May 2-6, 2010.
- Advisory Board, 11th International Symp. Sputtering and Plasma Processes, ISSP2010, The Vacuum Society of Japan, Kanazawa, Japan, July 2010.
- Executive Committee and Awards Committee, SEMI and ECS China Semiconductor Technology International Conference (CSTIC), Shanghai, March 18-19, 2010.
- Program Committee, 6th International Thin-Film Transistor Conference, Himeji, Japan, January 28-29, 2010.
- Organizer and Chair, Engineering Foundation Conference International Conference on Semiconductor Technology for Ultra Large Scale Integrated Circuits and Thin Film Transistors, Xi'an, China, July 5-10, 2009.
- Program Committee, AM-FPD '09, Nara, Japan, July 1-3, 2009.
- Section chair, ECS Novel Plasma Techniques for Low Temperature Processing of Thin Films for Flexible Electronics, San Francisco, CA, May 24 - May 29, 2009.
- Committee, IEEE Reliability Physics Symposium, Nanoelectronic Device Reliability, 2009.
- Advisory Committee, 11th International Symp. Sputtering and Plasma Processes, ISSP2009, Vacuum Society of Japan, Kanazawa, Japan, July 2009.
- National Academies' Chemical Science and Technology Panel, 2009.
- Program Committee, AM-FPD '09, Nara, Japan, July 1-3, 2009.
- Organizer, ECS Nanocrystal Embedded Dielectric for Electronic and Photonic Devices Symposium, San Francisco, CA, May 24-29, 2009.
- Ministry of Economic Affairs sponsored Large-scale research project on Components and Enabling Technologies for High Image Quality Smart Panels, National Chiao-Tung University, Hsin-Chu, Taiwan, 07/06 - 07/08.
- Organizer and Chairman, 9th International Thin Film Transistor Technologies (TFT 9) Symposium, Electrochem. Soc., Honolulu, HI, October 12-17, 2008.
- Session Chair, IEEE Lester Eastman Conference on High Performance Devices, University of Delaware, August 5-7, 2008.
- Program Committee, AM-FPD '08, Tokyo, Japan, July 2-4, 2008.
- Organizing Committee and Session Chair, Flexible Electronics, Tarragona, Spain, April 6-9, 2008.

- Organizing Co-chair, 4th Intl. Thin-Film Transistor Conference, Seoul, Korea, January 24-25, 2008.
 - Organizing Committee and Session Chair, Flexible Electronics, Tarragona, Spain, Fall 2007.
 - Advisory Committee, 9th International Symp. Sputtering and Plasma Processes, ISSP '2007, Vacuum Society of Japan, Kanazawa, Japan, June 8-10, 2007.
 - Reviewer of a large-scale research project on "Components and Enabling Technologies for High Image Quality Smart Panels," sponsored by Ministry of Ministry of Economic Affairs, Taiwan, 07/06 - 07/08.
 - National Academies' Chemical Science and Technology Panel, 2007.
 - Organizer and Chair, Engineering Foundation Conference International Conference on Semiconductor Technology for Ultra Large Scale Integrated Circuits and Thin Film Transistors, Barga, Italy, July 29-August 3, 2007.
 - Program Committee, AM-FPD '07, Hyogo, Japan, July 11-13, 2007.
 - Session Chair, High-k Dielectrics, Lester Eastman Conference on High Performance Device, Cornell University, August 2-4, 2006.
 - Session Chair, 2006 Active Matrix Flat Panel Displays (AM-FPD) Conference, Tokyo, Japan, July 5-7, 2006.
 - Session Chair, Dielectric for Nanosystems: Materials Science, Processing, Reliability, and Manufacturing II, Electrochem. Soc., Denver, CO, May 8, 2006.
 - Advisory Committee, 9th International Symp. Sputtering and Plasma Processes, ISSP '05, The Vacuum Society of Japan, Kanazawa, Japan, June 8-10, 2005.
 - Session Chair, High Dielectric Constant Gate Stacks 4, Electrochem. Soc., Cancun, Mexico, October 29-November 3, 2006.
 - Organizer and Chairman, 8th International Thin Film Transistor Technologies (TFT 8) Symposium, Electrochem. Soc., Cancun, Mexico, October 29-November 3, 2006.
 - Session Chair, High-k Dielectrics, Lester Eastman Conference on High Performance Device, Cornell University, August 2-4, 2006.
 - Session Co-Organizer, Thin Film Transistors, Lester Eastman Conference on High Performance Device, Cornell University, August 2-4, 2006.
 - Session Chair, 2006 Active Matrix Flat Panel Displays (AM-FPD) Conference, Tokyo, Japan, July 5-7, 2006.
 - Session Chair, Dielectric for Nanosystems: Materials Science, Processing, Reliability, and Manufacturing II, Electrochem. Soc., Denver, CO, May 8, 2006.
 - Chair, Microelectronic Processing Symp., US/China/Japan Chemical Engineering Conference, Beijing, China, October 11-13, 2005.
 - Advisory Committee, Section Chair, 8th International Symp. Sputtering and Plasma Processes, ISSP2 '05005, The Vacuum Society of Japan, Kanazawa, Japan, June 8-10, 2005.
 - Section Chair, 1st International Thin Film Transistor Conference, Seoul, Korea, March 14, 2005.
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