Associate Editor, ACM Transactions on Reconfigurable Technology and Systems (TRETS), March 2019 - present.

Associate Editor, IET Cyber-Physical Systems: Theory & Applications, 2017 - present.

Guest Editor, The special issue of IEEE Design and Test on "Machine Intelligence at the Edge," Publication date: Dec 2021 (tentative).

Guest Editor, The special issue of the IBM Journal of Research and Development on "Advances in Computational Creativity Technology," Volume: 63 , Issue: 1 , Jan.-Feb. 2019.

1. Tutorial Chair, International Conference On Computer Aided Design (ICCAD), 2021.
2. Hackathon Co-Chair, IEEE World Congress on Services (SERVICES), Online, 2021.
3. TPC Co-Chair, The IEEE International System-on-Chip Conference (SOCC), 2021.
4. Panel Session Chair, The international conference on Connected Health: Applications, Systems and Engineering Technologies (CHASE), 2020.
5. Tutorial Co-Chair, "ML Performance Benchmarking Deep Learning Systems," IEEE International Symposium on Performance Analysis of Systems and Software (ISPASS), 2020.
6. Workshop Chair, International Conference On Computer Aided Design (ICCAD), Online 2020.
7. Hackathon Chair, IEEE World Congress on Services (SERVICES), Online, 2020.
8. TPC Co-Chair, The IEEE International System-on-Chip Conference (SOCC), 2020.
9. Program Co-Chair, DAC Workshop for Young Faculties, 2020.
10. Program Co-Chair, OpenCAPI Heterogeneous Computing Design Contest, 2020.
11. Tutorial Co-Chair, "ML Performance Benchmarking Deep Learning Systems," IEEE International Symposium on Workload Characterization (IISWC), 2019.
12. Program Co-Chair, DAC Workshop for Young Faculties, 2019.
13. Tutorial Co-Chair, "ML Performance Benchmarking Deep Learning Systems," The 46th International Symposium on Computer Architecture (ISCA), 2019.
14. Tutorial Co-Chair, "ML Performance Benchmarking Deep Learning Systems," The 24th ACM International Conference on Architectural Support for Programming Languages and Operating Systems (ASPLOS), 2019.
15. Program Co-Chair, DAC Workshop for Young Faculties, 2016.
16. Founding Chair, IEEE Standard Association’s Industry Connections Activity Initiative on Smart Energy Data Repository, 2014, 2013, 2012.
17. Founding Symposium Chair, China Semiconductor Technology International Conference (CSTIC) 2014, 2013.
18. General Chair, ACM/IEEE International Workshop on Timing Issues, 2013.
19. Technical Program Chair, ACM/IEEE International Workshop on Timing Issues, 2012.
20. Program Chair, DAC Workshop on Synergies between Design Automation and Smart Power Grid, 2011, 2010.
21. TPC, The Fifth Conference on Machine Learning and Systems (MLSys), 2022.
22. TPC, Conference on Neural Information Processing Systems (NeurIPS), 2021.
23. TPC, The 48th IEEE/ACM International Symposium on Computer Architecture (ISCA-48), Industry Track, 2021.
24. TPC, International Conference on Computer Vision and Pattern Recognition (CVPR), 2021.
25. TPC, The 34th ACM International Conference on Supercomputing (ICS), 2020.
26. TPC, Conference on Neural Information Processing Systems (NeurIPS), 2019.
27. TPC, Conference on Uncertainty in Artificial Intelligence (UAI), 2019.
28. TPC (Senior Committee Member), the 28th International Joint Conference on Artificial Intelligence (IJCAI), 2019.
29. TPC, Thirty-sixth International Conference on Machine Learning (ICML), 2019.
30. TPC, The Thirty-Third AAAI Conference on Artificial Intelligence (AAAI) 2019.
31. TPC, China Semiconductor Technology International Conference (CSTIC) 2015-present
32. TPC, ACM/IEEE International Conference on Computer-Aided Design (ICCAD), 2010-2012, 2015, 2018-2019.
33. TPC, International Congress on Computer Applications and Computational Science, 2010.
34. TPC, IEEE International Symposium on Circuits and Systems (ISCAS), 2010.
35. TPC, ACM/IEEE International Workshop on Timing Issues, 2007-2011.
36. TPC, 18th IEEE North Atlantic Test Workshop, 2009.
37. Secretary, Chinese Institute of Engineers, Greater New York Chapter, 2021-present.
38. Board Member, Chinese Institute of Engineers, Greater New York Chapter, 2019-present.
39. Mentor for local high school students' science projects and career planning, 2010-present.
40. IBM URM (Under-represented Minority) Ambassador for college hires, 2016-2021.
41. Volunteer, IBM On-Demand Community, 2006-2021.
42. National Council Member, Chinese Institute of Engineers, 2019-2020.
43. IBM Lead Technical Sponsor and Mentor, TechTogether@Boston, one of the largest student-run Hackathons for gender-marginalized populations in the world, (\url{https://github.com/JinjunXiong/TechTogether2020}), Jan 2020.
44. IBM Lead Technical Sponsor and Mentor, DivHack - Columbia University’s first student-run diversity Hackathon (\url{https://github.com/JinjunXiong/divhacks}), April 2018.
45. Volunteer, Dr. Reddy's Foundation, Hyderabad, India, 2010.
46. Volunteer & Committee, IBM Diversity Networking Groups, 2007-present.
47. Program Committee Member for Tri-County Science & Technology Fair Judge's Committee, 2009-2010.