WSU Pullman School of EECS
ECE PhD Student Publication Requirement List
December 19, 2021

As of Fall 2019, all PhD students must have one accepted paper in the below list of venues before their preliminary exam and two accepted papers (at least one in a journal) before they can schedule their PhD defense.   Questions, please contact the EECS Graduate Coordinator or GSC Chair.

1. Microelectronics

❖ **Journals**

1. IEEE Journal of Solid-State Circuits (JSSC)
2. IEEE Transactions on Microwave Theory and Techniques
3. IEEE Transactions on Circuits and Systems I
4. IEEE Transactions on Very Large-Scale Integration Systems
5. IEEE Transactions on Power Electronics
6. IEEE Transactions on Industrial Electronics
7. IEEE Transactions on Biomedical Circuits and Systems
8. IEEE Transactions on Terahertz Science and Technology
9. IEEE Transactions on Vehicular Technology
10. IEEE Microwave and Wireless Components Letters
11. IEEE Transactions on Circuits and Systems II
12. Microwave and Optical Technology Letters (MOTL)
13. Electronic Letters

❖ **Conference Publications**

14. International Solid-State Circuits Conference (ISSCC)
15. International Microwave Symposium (IMS)
16. Radio Frequency Integrated Circuits Symposium (RFIC)
17. Custom Integrated Circuits Conference (CICC)
18. International Symposium VLSI Design, Automation, and Test/International Symposium on VLSITechnology, Systems and Applications (VLSI-TSA/DAT)
19. European Microwave Conference (EUMC)
20. European Solid State Circuits Conference (ESSCIRC)
21. Asia Pacific Microwave Conference (APMC)
22. Radio Frequency Information Technology (RFIT)
23. Asian Solid-State Circuits Conference (ASSCC)
24. International Symposium on Circuits and Systems (ISCAS)
25. Biomedical Circuits and Systems Conference (BioCAS)

2. Power

❖ **Journals**

1. Proceedings of the IEEE
2. IEEE Trans. Industrial Informatics
3. IEEE Trans. on Smart Grid
4. IEEE Trans. Industrial Electronics
5. IEEE Trans. on Power Electronics
6. IEEE Trans. on Sustainable Energy
7. IEEE Trans. on Power Systems
8. IEEE Trans. Vehicular Technologies
9. IEEE Trans. Automatic Control
10. IEEE Trans. Energy Conversion
11. International Journal of Electrical Power & Energy Systems
12. IEEE Trans. on Power Delivery
13. IEEE Systems Journal
14. IET Renewable Power Generation
15. Electric Power Systems Research
16. IEEE Trans. Circuits and Systems, Part I
17. IEEE Trans. Industry Applications
18. IET Generation, Transmission & Distribution
19. IET Power Electronics
20. Nature energy

❖ **Conference Publications**

1. Power Systems Computations Conference
2. IEEE Smartgridcomm
3. IEEE PowerTech
4. IEEE PES General Meeting
5. IREP Symposium on Bulk Power System Phenomena
6. IEEE Conference on Decision and Control (CDC)
7. North American Power Symposium (NAPS)
8. IEEE Conference on Smart Grid Synchronized Measurements and Analytics (SGSMA)
9. American Control Conference (ACC)
10. IEEE PES Innovative Smart Grid Technologies ISGT
11. IEEE/PES Transmission and Distribution Conference (T&D)

3. Computer Engineering

❖ **Journals**

1. IEEE Transactions on Computers (TC)
2. IEEE Transactions on Very Large-Scale Integration Systems (TVLSI)
3. IEEE Transactions on CAD (TCAD)
4. ACM Transactions on Transactions on Design Automation of Electronic Systems (TODAES)
5. ACM Transactions on Embedded Computing Systems (TECS)
6. ACM Journal on Emerging Technologies in Computing Systems (JETC)

❖ **Conference Publications**

7. Design Automation Conference (DAC)
8. Design Automation and Test in Europe (DATE)
9. International Conference on CAD (ICCAD)
10. Embedded Systems Week (ESWEEK)
11. International IEEE International Conference on Computer Design (ICCD)
12. IEEE/ACM International Symposium on Low Power Electronics and Design (ISLPED)
13. IEEE International Test Conference (ITC)

4. Systems

❖ **Journals**
1. IEEE Transactions on Information Theory
2. IEEE Journal on Selected Areas in Information Theory (JSAIT)
3. IEEE Transactions on Communications
4. IEEE Journal on Selected Areas in Communications (JSAC)
5. IEEE Transactions on Wireless Communications
6. IEEE Transactions on Vehicular Technology
7. IEEE Transactions on Signal Processing
8. IEEE Journal on Selected Topics in Signal Processing
9. IEEE/ACM Transactions on Networking
10. IEEE Transactions on Cognitive Communications and Networks
11. IEEE Transactions on Image Processing
12. IEEE/ACM Transactions on Audio, Speech, and Language Processing
13. IEEE Transactions on Pattern Analysis and Machine Intelligence
14. IEEE Transactions on Automatic Control
15. IEEE Transactions on Control of Network Systems
16. IEEE Transactions on Control Systems Technology
17. Automatica
18. International Journal of Robust and Nonlinear Control
19. International Journal of Control
20. European Journal of Control
21. Journal of the Franklin Institute
22. IEEE Transactions on Magnetics
23. IEEE Transactions on Computers
24. IEEE Transactions on Circuits and Systems for Video Technology
25. IEEE Transactions on Circuits and Systems I-Regular Papers
26. IEEE Transactions on Antennas and Propagation
27. Applied Physics Letters

❖ **Other Journals with Significant Systems Content:**
1. IEEE Communications Magazine
2. IEEE Signal Processing Magazine
3. IEEE Control Systems Magazine

Conference Publications in the Systems Area

1. IEEE International Symposium on Information Theory (ISIT)
2. IEEE Global Communications Conference (Globecom)
3. IEEE International Conference on Communications (ICC)
4. Conference on Information Sciences and Systems (CISS)
5. Allerton Conference on Communications, Computing and Control
6. Military Communications Conference (MILCOM)
7. IEEE Vehicular Technology Conference
8. IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP)
9. IEEE International Conference on Image Processing (ICIP)
10. IEEE International Conference on Data Mining
11. SIAM International Conference on Data Mining
12. American Control Conference (ACC)
13. IEEE Conference on Decision and Control (CDC)
14. The Magnetic Recording Conference (TMRC)
15. IEEE International Magnetics Conference