

Area	Top tier conferences
Algorithms and Theory	STOC: ACM Symp on Theory of Computing FOCS: IEEE Symp on Foundations of Computer Science SODA: ACM-SIAM Symposium on Discrete Algorithms
Architecture	ISCA: ACM/IEEE Symp on Computer Architecture MICRO: Intl Symp on Microarchitecture ASPLOS: International Conference on Architectural Support for Programming Languages and Operating Systems
Artificial Intelligence	AAAI : National Conference on Artificial Intelligence IJCAI : International Joint Conference on Artificial Intelligence UAI : Uncertainty in Artificial Intelligence
Bioinformatics & Computational Biology	ISMB: International Society for Computational Biology
Computer Vision	CVPR: Computer Vision and Pattern Recognition ICCV: International Conference on Computer Vision
Databases	SIGMOD: ACM SIGMOD Conf on Management of Data VLDB: Very Large Data Bases ICDE: IEEE International Conference on Data Engineering PODS: ACM Principles of Databases (co-located with SIGMOD)
Data Mining	KDD : Knowledge Discovery and Data Mining ICDM : IEEE International Conference on Data Mining SDM: SIAM International Conference on Data Mining
Distributed & Parallel Computing	IPDPS: International Parallel and Distributed Processing Symposium HPDC: The International ACM Symposium on High Performance Parallel and Distributed Computing SC: ACM/IEEE International Conference for High Performance Computing, Networking, Storage and Analysis PACT: International Conference on Parallel Architectures and Compilation Techniques PPoPP: ACM SIGPLAN Symposium on Principles and Practice of Parallel Programming ICS: International Conference on Supercomputing
Graphics	SIGGRAPH: ACM SIGGRAPH Conference
Human Computer Interaction	CHI : Computer Human Interaction

Information Retrieval	SIGIR : Research and Development in Information Retrieval CIKM : International Conference on Information and Knowledge Management
Machine Learning	NIPS : Neural Information Processing Systems ICML: International Conference on Machine Learning
Natural Language & Speech	ACL: Meeting of the Association for Computational Linguistics COLING : International Conference on Computational Linguistics
Networks & Communications	SIGCOMM: ACM Conf on Comm Architectures, Protocols & Apps MOBICOM: ACM Intl Conf on Mobile Computing and Networking IEEE INFOCOM: IEEE Conference on Computer Communications IEEE ICNP: IEEE International Conference on Network Protocols IEEE ICDCS: International Conference on Distributed Computing Systems ACM SIGMETRICS: Mobisys: International Conference on Mobile Systems, Applications, and Services Mobihoc: ACM International Symposium on Mobile Ad Hoc Networking and Computing Sensys: ACM Conference on Embedded Networked Sensor Systems Ubicomp: ACM International Joint Conference on Pervasive and Ubiquitous Computing
Operating Systems	SOSP: ACM SIGOPS Symp on OS Principles OSDI: Usenix Symp on OS Design and Implementation Usenix ATC: USENIX Annual Technical Conference Eurosys: European Conference on Computer Systems USENIX FAST: USENIX Conference on File and Storage Technologies
Programming Languages	PLDI: ACM:SIGPLAN Symp on Prog Lang Design & Impl POPL: ACM SIGPLAN:SIGACT Symposium on Principles of Programming Languages OOPSLA: Object Oriented Programming, Systems, Languages & Applications ICFP: The International Conference on Functional Programming (supersedes FPCA)
Security	S&P: IEEE Symposium on Security and Privacy CCS: ACM Conf on Comp and Communications Security Usenix Security NDSS: Network and Distributed System Security

Software Engineering	ICSE: Intl Conf on Software Engineering FSE: Foundations on Software Engineering
WWW	WWW: International World Wide Web Conference ICWS: IEEE International Conference on Web Services (superseded USITS, USENIX Symposium on Internet Technologies and Systems)