

FIU

FLORIDA INTERNATIONAL UNIVERSITY

Suggested Journals and Conference Proceedings for Faculty Publications



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PART A

One of the options of finding impact of publication venues in Computer Science (higher is better) can be found at cite seer. Click the following link to find a list of potential journals and conferences:

[Http://Citeseer.Ist.Psu.Edu/Impact.Html](http://Citeseer.Ist.Psu.Edu/Impact.Html)

Impact is estimated using the average citation rate, where citations are normalized using the average citation rate for all articles in a given year, and transformed using $\ln(n+1)$ where n is the number of citations.

PART B

This link is maintained at Georgia Tech (for conferences) and is equally good for our forthcoming research publications.

[Http://Www-Static.Cc.Gatech.Edu/~Guofei/CS_Conferencerank.Htm](http://Www-Static.Cc.Gatech.Edu/~Guofei/CS_Conferencerank.Htm)

PART C

Suggested Journals and Conference Proceedings for Faculty Publications

The list given here is far from exhaustive, and contains only the influential journals and conferences. this list may be used for publication purposes.

1. Algorithms (Sequential and Parallel) / Theory

- ACM Trans on Algorithms
- ACM Symp on Parallel Algorithms And Architectures
- ACM Symp on Principles Of Distributed Computing
- ACM Symp on Theory Of Computing
- ACM/SIAM Symp on Discrete Algorithms
- ACTA Informatica And Information Processing Letters
- Algorithmica
- Algorithmic Learning Theory
- Annual Conference on Computer Science Logic (CSL)
- Computational Learning Theory
- ENGG Workshop on Algorithm Engineering
- FOCS Conferences
- IEEE Conference on Computational Complexity
- IEEE Transactions on Computers
- IEEE Transactions on Information Theory
- IEEE Symposium on Logic In Computer Science
- IEEE Symposium on Information Theory
- Information Processing Letters
- Information And Computation
- International Journal of Computational Geometry And Applications
- Journal of Algorithms
- Journal of Association of Computing Machinery (JACM)
- Journal of Computer And Information Science (JCIS)
- Journal of Discrete Algorithms
- Journal of Operation Research Quarterly
- Journal of Parallel And Distributed Computing
- Journal of Theoretical Computer Science
- SIAM Journal on Computing
- SIAM Journal on Discrete Mathematics
- SODA Conference

2. Scientific Computing , Visualization and Graphics

- ACM Multimedia
- ACM Transactions on Graphics
- Computer Graphics ,Vision and Image Processing
- Computing Reviews (ACM)
- Grid Computing, High-Performance and Distributed Applications
- IEEE Computer Graphics and Applications
- IEEE/ACM International Conference on Cluster Computing
- IEEE International Parallel & Distributed Processing Symposium
- IEEE International Symposium on Cluster Computing and the Grid
- IEEE Transaction on Automation Science And Engineering
- IEEE Transactions on Visualization And Computer Graphics
- IEEE/ACM International Conference on Grid Computing
- International Journal of Grid And High Performance Computing (IJGHPC)
- International Journal of Super Computing
- Machine Graphics and Vision
- Physical Review and Physical Review Letters
- Scientific Programming---Tools and Techniques
- SIAM Journal of Numerical Analysis
- SIAM Journal of Scientific Computing
- The International Conference for High Performance Computing, Networking, Storage, and Analysis

3. Robotics/ Artificial Intelligence/ Pattern Recognition and Image

Processing/Sensor Networks

- AAAI Conference
- ACM Transactions on Sensor Networks
- American Association for AI National Conference
- Artificial Intelligence Journal
- Computational Intelligence
- IEEE Intelligent Systems
- IEEE Journal of Robotics And Automation
- IEEE Transactions on Pattern Analysis And Machine Intelligence
- IEEE Conference on Comp Vision and Pattern Recognition
- International Journal of Man-Machine Studies
- International Conference on Computer Vision
- International Conference On Machine Learning
- International Conference on Principles of KR & Reasoning
- Journal of Experimental and Theoretical Artificial Intelligence
- Journal of Image Vision and Computing
- Journal of Machine Learning Research
- Journal of Pattern Recognition
- Journal of Robotics Systems

4. Database and Retrieval Systems

- ACM Transactions on Database Systems
- ACM SIGMOD Conference on Principles of DB Systems
- ICDE conference
- IEEE Transactions on Data And Knowledge Engineering
- IEEE Transactions on Multimedia
- IEEE International Conference on Data Mining
- IFIP Workshop on Database Security
- Information systems
- International Conference on Conceptual Modeling (ER)
- International Conference on Data Engineering
- International Conference on Database Theory
- International Conference on Foundation on Data Organization
- International Conference on Management of Data
- International Conference on Scientific and Statistical DB Mgmt
- International Database Engineering and Application Symposium
- International Symp on Advanced DB Technologies
- International Symp on Large Spatial Databases
- Sigmod record
- Sigmod/pods conference
- Symposium on Advances in DB and Information Systems
- Visual Database Systems
- VLDB conference
- VLDB Journal

5. Networking/ Communication / Security

- ACM Mobile Computing and Communications Review
- ACM Symposium on Information, Computer and Communications Security
- ACM Transactions on Security
- ACM Conference on Comp and Communications Security
- ACM International Symposium on Mobile Ad Hoc Networking And Computing
- IEEE Conference on Open Arch and Network Programming
- ACM International Conference on Mobile Computing and Networking
- ACM Symp on Principles of Distributed Computing
- Computer Networks
- Elsevier Ad Hoc Networks
- Elsevier Computer Networks
- European Conference on Parallel Computing
- IEEE Journal on Selected Areas of Communications
- IEEE Real Time Technology And Applications Symposium
- IEEE Symposium on Security And Privacy
- IEEE Transactions on Internet Computing
- IEEE Transactions on Mobile Computing

- IEEE Transactions on Reliability

- IEEE International Conference on Distributed Comp Systems
- IEEE Symposium on Security And Privacy
- IEEE/ACM Transactions on Networking

- INFOCOM, MOBICOM, MOBIHOC Conference
- Int. Conference on Security and Privacy for Emerging Areas in Communication Networks
- Int. Conference on Information and Comm. Security
- Symp on Reliable Distributed Systems
- The International Conference on Dependable Systems and Networks

6. Software Engineering/ Languages/ Architectures

- ACM Conference on Principles of Programming Languages
- ACM International Conference on Object-Oriented Programming Systems, Languages, And Applications
- ACM International Conference on Architectural Support for Programming Languages And Operating Systems
- ACM SIGPLAN Symposium on Principles and Practice of Parallel Programming
- ACM Transactions on Embedded Computing Systems
- ACM Transactions on Programming Languages and Systems
- ACM Transactions on Software Engineering and Methodology
- ACM Conference on the Foundations of Software Engineering
- ACM SIGSOFT Working Conference on Software Reusability
- ACM-SIGACT Symp on Principles of Prog. Langs.
- ACM-SIGPLAN Symp on Prog Lang Design & Implementation
- Automated Software Engineering Conference
- European Conference on Object-Oriented Programming
- European Conference on Programming
- European Software Engineering Conference
- IEEE Transactions on Software Engineering
- IEEE Transactions on Systems, Man, And Cybernetics
- IEEE International Conference on Computer Languages
- IEEE International Conference on Formal Engineering Methods
- IEEE International Conference ON Software Reuse
- International Conference on Compilers, Architecture, And Synthesis For Embedded Systems
- International Conference on Embedded Software
- International Conference on Functional Programming
- International Conference on Parallel Architectures and Compilation Techniques, Languages, Compilers, And Tools for Embedded Systems
- International Conference on Compiler Construction
- International Conference on The Foundations of Software Engineering
- Joint Int'l Conference on Formal Description Techniques and Protocol Specification, Testing and Verification
- Journal of Computer Languages
- Journal of Functional Programming
- Journal of Information Sciences
- Journal of System Architecture
- Journal of Systems and Software
- Journal of Systems and Software
- OO Prog Systems, Langs and Applications

- Practical Aspects of Declarative Languages
- Practical Aspects of PROLOG/Constraint Tech
- SIGSOFT Working Conference on Reverse Engineering
- Software: Practice and Experience
- Symp on Assessment of Quality S/W Dev Tools
- The Computer Journal

7. High Performance Computing

- ACM International Conference on Supercomputing
- Concurrency and Computation: Practice and Experience
- IEEE International Conference on Cluster Computing
- IEEE International Parallel and Distributed Processing Symposium
- IEEE Transactions on Parallel and Distributed Computing
- International Conference on Autonomic Computing
- International Conference on Computational Science
- International Conference on High-Performance Computing
- International Conference on Parallel Processing
- International Journal on High-Performance Computing and Networking
- Journal of Parallel and Distributed Computing
- Journal of Supercomputing
- Super Computing (Flagship ACM/IEEE Conference)

8. Hardware and Architecture

- ACM/IEEE Supercomputing Conference
- ACM/IEEE Symposium on Computer Architecture
- Advanced Research in VLSI
- Architectural Support for Prog Lang and OS
- Asia Pacific Design Automation Conference
- Australian Super Computing Conference
- Design Automation Conference
- IEEE International Solid-State Circuits Conference
- IEEE Symposium on High-Perf Comp Architecture
- IEEE Symposium VLSI Circuits
- IEEE Symposium on Field Programmable Custom Computing Machines
- IEEE/ACM Design, Automation & Test In Europe Conference
- International Conference on VLSI Design
- International Symposium on Circuits And Systems
- International Symposium on Comp Design
- International Symposium on Physical Design
- International Symposium on System Synthesis
- International Symposium on System Synthesis
- International Conference on Computer-Aided Design
- International Conference on Supercomputing
- International Symposium on Microarchitecture
- Journal of Systems Architecture
- New Frontiers of Information Technology

9. Distributed Systems

- ACM/IEEE International Conference on Supercomputing
- ACM/IEEE International Conference on High Performance Distributed Computing
- ACM/IFIP/USENIX International Middleware Conference
- ACM Symposium on Principles of Distributed Computing
- ACM Transactions on Storage
- Concurrency and Computation: Practice and Experience
- European Conference on Parallel Processing
- IEEE/ACM International Conference on Cluster Computing
- IEEE/ACM International Conference on Grid Computing
- IEEE International Conference on Distributed Computing Systems
- International Conference on Parallel Processing
- Journal of Grid Computing
- Journal of Parallel and Distributed Computing
- IEEE International Symposium on Cluster Computing and the Grid
- IEEE International Parallel and Distributed Processing Symposium
- IEEE Transactions on Parallel and Distributed Systems
- IEEE Transactions on Automation Science and Engineering
- Parallel Processing Letters
- Scalable Computing: Practice and Experience
- Scientific Programming Journal
- The International Journal of Grid Computing: Theory, Methods, and Applications

10. Human Computer Interaction

- ACM Transactions on Human-Computer Interaction
- Human-Computer Interaction
- International Journal of Human-Computer Studies
- Personal and Ubiquitous Computing
- ACM CHI Letters
- ACM SIGCHI
- ACM UIST (User Interface Software and Technology)
- International Conference on Ubiquitous Computing
- International Conference on Pervasive Computing
- Tangible and Embedded Interaction

11. Other Journals

- ACM Computing Surveys
- CACM Magazine
- IEEE Computer Magazine
- IEEE Transactions on Computer Aided Design
- IEEE Transactions on Power Systems
- Nature
- Science

- Simulation Modeling - Practice And Theory
- VLSI Algorithms And Computational Geometry