

Supreme Council of Universities

Promotion Committee for Computers and Information (47)

Computer Science Conference Rankings

1. AREA: Artificial Intelligence and Related Subjects

Rank (1)

Some conferences accept multiple categories of papers. The rankings below are for the most prestigious category of paper at a given conference. All other categories should be treated as "unranked".

AAAI: American Association for AI National Conference
CVPR: IEEE Conf on Comp Vision and Pattern Recognition
IJCAI: Intl Joint Conf on AI
ICCV: Intl Conf on Computer Vision
ICML: Intl Conf on Machine Learning
KDD: Knowledge Discovery and Data Mining
KR: Intl Conf on Principles of KR & Reasoning
NIPS: Neural Information Processing Systems
UAI: Conference on Uncertainty in AI
ICAA: International Conference on Autonomous Agents
ACL: Annual Meeting of the ACL (Association of Computational Linguistics)

Rank 2:

AID: Intl Conf on AI in Design
AI-ED: World Conference on AI in Education
CAIP: Intl Conf on Comp. Analysis of Images and Patterns
CSSAC: Cognitive Science Society Annual Conference
ECCV: European Conference on Computer Vision
EAI: European Conf on AI
EML: European Conf on Machine Learning
GP: Genetic Programming Conference
IAAI: Innovative Applications in AI
ICIP: Intl Conf on Image Processing
ICNN/IJCNN: Intl (Joint) Conference on Neural Networks
ICPR: Intl Conf on Pattern Recognition
ICDAR: International Conference on Document Analysis and Recognition
ICTAI: IEEE conference on Tools with AI
AMAI: Artificial Intelligence and Maths
DAS: International Workshop on Document Analysis Systems

WACV: IEEE Workshop on Apps of Computer Vision
COLING: International Conference on Computational Linguistics
EMNLP: Empirical Methods in Natural Language Processing

Rank 3:

PRICAI: Pacific Rim Intl Conf on AI
AAI: Australian National Conf on AI
ACCV: Asian Conference on Computer Vision
AI*IA: Congress of the Italian Assoc for AI
ANNIE: Artificial Neural Networks in Engineering
ANZIIS: Australian/NZ Conf on Intelligent Inf. Systems
CAIA: Conf on AI for Applications
CAAI: Canadian Artificial Intelligence Conference
ASADM: Chicago ASA Data Mining Conf: A Hard Look at DM
EPIA: Portuguese Conference on Artificial Intelligence
FCKAML: French Conf on Know. Acquisition & Machine Learning
ICANN: International Conf on Artificial Neural Networks
ICCB: International Conference on Case-Based Reasoning
ICGA: International Conference on Genetic Algorithms
ICONIP: Intl Conf on Neural Information Processing
IEA/AIE: Intl Conf on Ind. & Eng. Apps of AI & Expert Sys
ICMS: International Conference on Multiagent Systems
ICPS: International conference on Planning Systems
IWANN: Intl Work-Conf on Art & Natural Neural Networks
PACES: Pacific Asian Conference on Expert Systems
SCAI: Scandinavian Conference on Artificial Intelligence
SPICIS: Singapore Intl Conf on Intelligent System
PAKDD: Pacific-Asia Conf on Know. Discovery & Data Mining
SMC: IEEE Intl Conf on Systems, Man and Cybernetics
PAKDDM: Practical App of Knowledge Discovery & Data Mining
WCNN: The World Congress on Neural Networks
WCES: World Congress on Expert Systems
INBS: IEEE Intl Symp on Intell. in Neural \& Bio Systems
ASC: Intl Conf on AI and Soft Computing
PACLIC: Pacific Asia Conference on Language, Information and Computation
ICCC: International Conference on Chinese Computing

Others:

ICRA: IEEE Intl Conf on Robotics and Automation
NNSP: Neural Networks for Signal Processing
ICASSP: IEEE Intl Conf on Acoustics, Speech and SP
GCCCE: Global Chinese Conference on Computers in Education
ICAI: Intl Conf on Artificial Intelligence
AEN: IASTED Intl Conf on AI, Exp Sys & Neural Networks
WMSCI: World Multiconfs on Sys, Cybernetics & Informatics

2. AREA: Data Mining

Rank 1:

KDD: Knowledge Discovery and Data Mining
ICDM: IEEE International Conference on Data Mining

Rank 2:

SDM: SIAM International Conference on Data Mining
PKDD: European Conference on Principles and Practice of Knowledge Discovery in Databases (PKDD)

Rank 3:

PAKDD: Pacific-Asia Conf on Know. Discovery & Data Mining
PAKDDM: Practical App of Knowledge Discovery & Data Mining
DMKD - Workshop on Research Issues in Data Mining and Knowledge Discovery

Others

ASADM: Chicago ASA Data Mining Conf: A Hard Look at DM
KDDMBD - Knowledge Discovery and Data Mining in Biological Databases Meeting

3. AREA: Hardware and Architecture

Rank 1:

ASPLOS: Architectural Support for Prog Lang and OS
ISCA: ACM/IEEE Symp on Computer Architecture
ICCAD: Intl Conf on Computer-Aided Design
DAC: Design Automation Conf
MICRO: Intl Symp on Microarchitecture
HPCA: IEEE Symp on High-Perf Comp Architecture

Rank 2:

FCCM: IEEE Symposium on Field Programmable Custom Computing Machines
SUPER: ACM/IEEE Supercomputing Conference
ICS: Intl Conf on Supercomputing
ISSCC: IEEE Intl Solid-State Circuits Conf
HCS: Hot Chips Symp

VLSI: IEEE Symp VLSI Circuits
ISSS: International Symposium on System Synthesis
DATE: IEEE/ACM Design, Automation & Test in Europe Conference

Rank 3:

ICA3PP: Algs and Archs for Parall Proc
EuroMICRO: New Frontiers of Information Technology
ACS: Australian Supercomputing Conf

Unranked:

Advanced Research in VLSI
International Symposium on System Synthesis
International Symposium on Computer Design
International Symposium on Circuits and Systems
Asia Pacific Design Automation Conference
International Symposium on Physical Design
International Conference on VLSI Design

4. AREA: Applications

Rank 1:

I3DG: ACM-SIGGRAPH Interactive 3D Graphics
SIGGRAPH: ACM SIGGRAPH Conference
ACM-MM: ACM Multimedia Conference
DCC: Data Compression Conf
SIGMETRICS: ACM Conf on Meas. & Modelling of Comp Sys
SIGIR: ACM SIGIR Conf on Information Retrieval
PECCS: IFIP Intl Conf on Perf Eval of Comp \& Comm Sys
WWW: World-Wide Web Conference

Rank 2:

EUROGRAPH: European Graphics Conference
CGI: Computer Graphics International
CANIM: Computer Animation
PG: Pacific Graphics
IEEE-MM: IEEE Intl Conf on Multimedia Computing and Sys
NOSSDAV: Network and OS Support for Digital A/V
PADS: ACM/IEEE/SCS Workshop on Parallel \& Dist Simulation
WSC: Winter Simulation Conference
ASS: IEEE Annual Simulation Symposium
MASCOTS: Symp Model Analysis & Sim of Comp & Telecom Sys
PT: Perf Tools - Intl Conf on Model Tech \& Tools for CPE

NetStore: Network Storage Symposium
MMCN: ACM/SPIE Multimedia Computing and Networking

Rank 3:

ACM-HPC: ACM Hypertext Conf
MMM: Multimedia Modelling
DSS: Distributed Simulation Symposium
SCSC: Summer Computer Simulation Conference
WCSS: World Congress on Systems Simulation
ESS: European Simulation Symposium
ESM: European Simulation Multiconference
HPCN: High-Performance Computing and Networking
Geometry Modeling and Processing
WISE
DS-RT: Distributed Simulation and Real-time Applications
IEEE Intl Wshop on Dist Int Simul and Real-Time Applications

Un-ranked:

DVAT: IS&T/SPIE Conf on Dig Video Compression Alg & Tech
MME: IEEE Intl Conf. on Multimedia in Education
ICMSO: Intl Conf on Modelling, Simulation and Optimisation
ICMS: IASTED Intl Conf on Modelling and Simulation

5. AREA: System Technology

Rank 1:

SIGCOMM: ACM Conf on Comm Architectures, Protocols & Apps
INFOCOM: Annual Joint Conf IEEE Comp & Comm Soc

SPAA: Symp on Parallel Algms and Architecture
PODC: ACM Symp on Principles of Distributed Computing
PPoPP: Principles and Practice of Parallel Programming
MassPar: Symp on Frontiers of Massively Parallel Proc
RTSS: Real Time Systems Symp
SOSP: ACM SIGOPS Symp on OS Principles
SOSDI: Usenix Symp on OS Design and Implementation
CCS: ACM Conf on Comp and Communications Security
IEEE Symposium on Security and Privacy
MOBICOM: ACM Intl Conf on Mobile Computing and Networking
USENIX Conf on Internet Tech and Sys
ICNP: Intl Conf on Network Protocols
OPENARCH: IEEE Conf on Open Arch and Network Prog
PACT: Intl Conf on Parallel Arch and Compil Tech

Rank 2:

CC: Compiler Construction
IPDPS: Intl Parallel and Dist Processing Symp
IC3N: Intl Conf on Comp Comm and Networks
ICPP: Intl Conf on Parallel Processing
ICDCS: IEEE Intl Conf on Distributed Comp Systems
SRDS: Symp on Reliable Distributed Systems
MPPOI: Massively Par Proc Using Opt Interconns
ASAP: Intl Conf on Apps for Specific Array Processors
Euro-Par: European Conf. on Parallel Computing
Fast Software Encryption
Usenix Security Symposium
European Symposium on Research in Computer Security
WCW: Web Caching Workshop
LCN: IEEE Annual Conference on Local Computer Networks
IPCCC: IEEE Intl Phoenix Conf on Comp & Communications
CCC: Cluster Computing Conference
ICC: Intl Conf on Comm
WCNC: IEEE Wireless Communications and Networking Conference

Rank 3:

MPCS: Intl. Conf. on Massively Parallel Computing Systems
GLOBECOM: Global Comm
ICCC: Intl Conf on Comp Communication
NOMS: IEEE Network Operations and Management Symp
CONPAR: Intl Conf on Vector and Parallel Processing
VAPP: Vector and Parallel Processing
ICPADS: Intl Conf. on Parallel and Distributed Systems
Public Key Cryptosystems
IEEE Computer Security Foundations Workshop
Annual Workshop on Selected Areas in Cryptography
Australasia Conference on Information Security and Privacy
Int. Conf on Inofrm and Comm. Security
Financial Cryptography
Workshop on Information Hiding
Smart Card Research and Advanced Application Conference
ICON: Intl Conf on Networks
IMSA: Intl Conf on Internet and MMedia Sys
NCC: Nat Conf Comm
IN: IEEE Intell Network Workshop
ICME: Intl Conf on MMedia & Expo
Softcomm: Conf on Software in Tcomms and Comp Networks
INET: Internet Society Conf
Workshop on Security and Privacy in E-commerce

Un-ranked:

PARCO: Parallel Computing
SE: Intl Conf on Systems Engineering

6. AREA: Programming Languages and Software Engineering

Rank 1:

POPL: ACM-SIGACT Symp on Principles of Prog Langs
PLDI: ACM-SIGPLAN Symp on Prog Lang Design & Impl
OOPSLA: OO Prog Systems, Langs and Applications
ICFP: Intl Conf on Function Programming
JICSLP/ICLP/ILPS: (Joint) Intl Conf/Symp on Logic Prog
ICSE: Intl Conf on Software Engineering
FSE: ACM Conference on the Foundations of Software Engineering (inc: ESEC-FSE when held jointly)
FM/FME: Formal Methods, World Congress/Europe
CAV: Computer Aided Verification

Rank 2:

CP: Intl Conf on Principles & Practice of Constraint Prog
TACAS: Tools and Algos for the Const and An of Systems
ESOP: European Conf on Programming
ICCL: IEEE Intl Conf on Computer Languages
PEPM: Symp on Partial Evaluation and Prog Manipulation
SAS: Static Analysis Symposium
RTA: Rewriting Techniques and Applications
ESEC: European Software Engineering Conf
IWSSD: Intl Workshop on S/W Spec & Design
CAiSE: Intl Conf on Advanced Info System Engineering
ITC: IEEE Intl Test Conf
IWCASE: Intl Workshop on Cumpter-Aided Software Eng
SSR: ACM SIGSOFT Working Conf on Software Reusability
SEKE: Intl Conf on S/E and Knowledge Engineering
ICSR: IEEE Intl Conf on Software Reuse
ASE: Automated Software Engineering Conference
PADL: Practical Aspects of Declarative Languages
ISRE: Requirements Engineering
ICECCS: IEEE Intl Conf on Eng. of Complex Computer Systems
IEEE Intl Conf on Formal Engineering Methods
Intl Conf on Integrated Formal Methods
FOSSACS: Foundations of Software Science and Comp Struct

Rank 3:

FASE: Fund Appr to Soft Eng
APSEC: Asia-Pacific S/E Conf
PAP/PACT: Practical Aspects of PROLOG/Constraint Tech
ALP: Intl Conf on Algebraic and Logic Programming
PLILP: Prog, Lang Implentation & Logic Programming
LOPSTR: Intl Workshop on Logic Prog Synthesis & Transf
ICCC: Intl Conf on Compiler Construction
COMPSAC: Intl. Computer S/W and Applications Conf
CSM: Conf on Software Maintenance
TAPSOFT: Intl Joint Conf on Theory & Pract of S/W Dev
WCRE: SIGSOFT Working Conf on Reverse Engineering
AQSDT: Symp on Assessment of Quality S/W Dev Tools
IFIP Intl Conf on Open Distributed Processing
Intl Conf of Z Users
IFIP Joint Int'l Conference on Formal Description Techniques and Protocol
Specification, Testing, And Verification
PSI (Ershov conference)
UML: International Conference on the Unified Modeling Language

Un-ranked:

Australian Software Engineering Conference
IEEE Int. W'shop on Object-oriented Real-time Dependable Sys. (WORDS)
IEEE International Symposium on High Assurance Systems Engineering
The Northern Formal Methods Workshops
Formal Methods Pacific
Int. Workshop on Formal Methods for Industrial Critical Systems
JFPLC - International French Speaking Conference on Logic and Constraint
Programming
L&L - Workshop on Logic and Learning
SFP - Scottish Functional Programming Workshop
HASKELL - Haskell Workshop
LCCS - International Workshop on Logic and Complexity in Computer Science
VLFM - Visual Languages and Formal Methods
NASA LaRC Formal Methods Workshop
(1) FATES - A Satellite workshop on Formal Approaches to Testing of Software
(1) Workshop On Java For High-Performance Computing
(1) DSLSE - Domain-Specific Languages for Software Engineering
(1) FTJP - Workshop on Formal Techniques for Java Programs
(*) WFLP - International Workshop on Functional and (Constraint) Logic
Programming
(*) FOOL - International Workshop on Foundations of Object-Oriented Languages
(*) SREIS - Symposium on Requirements Engineering for Information Security
(*) HLPP - International workshop on High-level parallel programming and
applications
(*) INAP - International Conference on Applications of Prolog

- (*) MPOOL - Workshop on Multiparadigm Programming with OO Languages
- (*) PADO - Symposium on Programs as Data Objects
- (*) TOOLS: Int'l Conf Technology of Object-Oriented Languages and Systems
- (*) Australasian Conference on Parallel And Real-Time Systems

7. AREA: Algorithms and Theory

Rank 1:

STOC: ACM Symp on Theory of Computing
 FOCS: IEEE Symp on Foundations of Computer Science
 COLT: Computational Learning Theory
 LICS: IEEE Symp on Logic in Computer Science
 SCG: ACM Symp on Computational Geometry
SODA: ACM/SIAM Symp on Discrete Algorithms
 SPAA: ACM Symp on Parallel Algorithms and Architectures
 PODC: ACM Symp on Principles of Distributed Computing
 ISSAC: Intl. Symp on Symbolic and Algebraic Computation
 CRYPTO: Advances in Cryptology
 EUROCRYPT: European Conf on Cryptography

Rank 2:

CONCUR: International Conference on Concurrency Theory
 ICALP: Intl Colloquium on Automata, Languages and Prog
 STACS: Symp on Theoretical Aspects of Computer Science
 CC: IEEE Symp on Computational Complexity
 WADS: Workshop on Algorithms and Data Structures
 MFCS: Mathematical Foundations of Computer Science
 SWAT: Scandinavian Workshop on Algorithm Theory
 ESA: European Symp on Algorithms
 IPCO: MPS Conf on integer programming & comb optimization
 LFCS: Logical Foundations of Computer Science
 ALT: Algorithmic Learning Theory
 EUROCOLT: European Conf on Learning Theory
 WDAG: Workshop on Distributed Algorithms
 ISTCS: Israel Symp on Theory of Computing and Systems
 ISAAC: Intl Symp on Algorithms and Computation
 FST&TCS: Foundations of S/W Tech & Theoretical CS
 LATIN: Intl Symp on Latin American Theoretical Informatics
 RECOMB: Annual Intl Conf on Comp Molecular Biology
 CADE: Conf on Automated Deduction
 IEEEIT: IEEE Symposium on Information Theory
 Asiacrypt

Rank 3:

MEGA: Methods Effectives en Geometrie Algebrique
ASIAN: Asian Computing Science Conf
CCCG: Canadian Conf on Computational Geometry
FCT: Fundamentals of Computation Theory
WG: Workshop on Graph Theory
CIAC: Italian Conf on Algorithms and Complexity
ICCI: Advances in Computing and Information
AWTI: Argentine Workshop on Theoretical Informatics
CATS: The Australian Theory Symp
COCOON: Annual Intl Computing and Combinatorics Conf
UMC: Unconventional Models of Computation
MCU: Universal Machines and Computations
GD: Graph Drawing
SIROCCO: Structural Info & Communication Complexity
ALEX: Algorithms and Experiments
ALG: ENGG Workshop on Algorithm Engineering
LPMA: Intl Workshop on Logic Programming and Multi-Agents
EWLR: European Workshop on Learning Robots
CITB: Complexity & info-theoretic approaches to biology
FTP: Intl Workshop on First-Order Theorem Proving (FTP)
CSL: Annual Conf on Computer Science Logic (CSL)
AAAAECC: Conf On Applied Algebra, Algebraic Algms & ECC
DMTCS: Intl Conf on Disc Math and TCS

Un-ranked:

Information Theory Workshop

8. AREA: Databases

Rank 1:

SIGMOD: ACM SIGMOD Conf on Management of Data
PODS: ACM SIGMOD Conf on Principles of DB Systems
VLDB: Very Large Data Bases
ICDE: Intl Conf on Data Engineering
ICDT: Intl Conf on Database Theory

Rank 2:

SSD: Intl Symp on Large Spatial Databases
DEXA: Database and Expert System Applications
FODO: Intl Conf on Foundation on Data Organization
EDBT: Extending DB Technology
DOOD: Deductive and Object-Oriented Databases

DASFAA: Database Systems for Advanced Applications
CIKM: Intl. Conf on Information and Knowledge Management
SSDBM: Intl Conf on Scientific and Statistical DB Mgmt
CoopIS - Conference on Cooperative Information Systems
ER - Intl Conf on Conceptual Modeling (ER)

Rank 3:

COMAD: Intl Conf on Management of Data
BNCOD: British National Conference on Databases
ADC: Australasian Database Conference
ADBIS: Symposium on Advances in DB and Information Systems
DaWaK - Data Warehousing and Knowledge Discovery
RIDE Workshop
IFIP-DS: IFIP-DS Conference
IFIP-DBSEC - IFIP Workshop on Database Security
NGDB: Intl Symp on Next Generation DB Systems and Apps
ADTI: Intl Symp on Advanced DB Technologies and Integration
FEWFDB: Far East Workshop on Future DB Systems
MDM - Int. Conf. on Mobile Data Access/Management (MDA/MDM)
ICDM - IEEE International Conference on Data Mining
VDB - Visual Database Systems
IDEAS - International Database Engineering and Application Symposium

Others:

ARTDB - Active and Real-Time Database Systems
CODAS: Intl Symp on Cooperative DB Systems for Adv Apps
DBPL - Workshop on Database Programming Languages
EFIS/EFDBS - Engineering Federated Information (Database) Systems
KRDB - Knowledge Representation Meets Databases
NDB - National Database Conference (China)
NLDB - Applications of Natural Language to Data Bases
KDDMBD - Knowledge Discovery and Data Mining in Biological Databases Meeting
FQAS - Flexible Query-Answering Systems
IDC(W) - International Database Conference (HK CS)
RTDB - Workshop on Real-Time Databases
SBBD: Brazilian Symposium on Databases
WebDB - International Workshop on the Web and Databases
WAIM: International Conference on Web Age Information Management
(1) DASWIS - Data Semantics in Web Information Systems
(1) DMDW - Design and Management of Data Warehouses
(1) DOLAP - International Workshop on Data Warehousing and OLAP
(1) DMKD - Workshop on Research Issues in Data Mining and Knowledge Discovery
(1) KDEX - Knowledge and Data Engineering Exchange Workshop
(1) NRDM - Workshop on Network-Related Data Management
(1) MobiDE - Workshop on Data Engineering for Wireless and Mobile Access
(1) MDDS - Mobility in Databases and Distributed Systems

- (1) MEWS - Mining for Enhanced Web Search
- (1) TAKMA - Theory and Applications of Knowledge Management
- (1) WIDM: International Workshop on Web Information and Data Management
- (1) W2GIS - International Workshop on Web and Wireless Geographical Information

Systems

- * CDB - Constraint Databases and Applications
- * DTVE - Workshop on Database Technology for Virtual Enterprises
- * IWDOM - International Workshop on Distributed Object Management
- * IW-MMDBMS - Int. Workshop on Multi-Media Data Base Management Systems
- * OODBS - Workshop on Object-Oriented Database Systems
- * PDIS: Parallel and Distributed Information Systems

9. AREA: Miscellaneous

Rank 2:

AMIA: American Medical Informatics Annual Fall Symposium
 DNA: Meeting on DNA Based Computers

Rank 3:

MEDINFO: World Congress on Medical Informatics
 International Conference on Sequences and their Applications
 ECAIM: European Conf on AI in Medicine
 APAMI: Asia Pacific Assoc for Medical Informatics Conf
 SAC: ACM/SIGAPP Symposium on Applied Computing
 ICSC: Internal Computer Science Conference
 ISCIS: Intl Symp on Computer and Information Sciences
 ICSC2: International Computer Symposium Conference
 ICCE: Intl Conf on Comps in Edu
 Ed-Media
 WCC: World Computing Congress
 PATAT: Practice and Theory of Automated Timetabling

Not Encouraged (due to dubious referee process):

International Multiconferences in Computer Science -- 14 joint int'l confs.
 SCI: World Multi confs on systemics, cybernetics and informatics
 SSGRR: International conf on Advances in Infrastructure for e-B, e-Edu and e-Science
 and e-Medicine
 IASTED conferences
 CCCT: International Conference on Computer, Communication and Control
 Technologies

