

重要国际学术会议及核心期刊

Institute for Interdisciplinary Information Sciences (IIIS) CS Conference List

IIIS CS Academic Committee

CS Conferences List

Computer Science

- TH: Theory (Including Algorithms/Complexity/Discrete Math/Logic/Computation Geometry/Operations Research)
- QICS: Theory of Quantum Computation
- CR: Cryptography/ Security/Privacy
- NT: Networking/ Distributed & Parallel Computing/ Communication
- SY: Systems/ Operating Systems/ Computer architecture
- DB: Databases
- DM: Data Mining
- MI: Artificial Intelligence/Machine Learning (ML)/ Computer Vision & Graphics (VG) /Speech (SP)/ Information Retrieval (IR)/ Natural Language Processing (NLP) / Multimedia (MM) / Human Computer Interaction (HCI)
- Other: Economics (Econ)/ /Bioinformatics (BI) /Internet (WWW)

Note:

-Physics conferences are ordered by the prestige of contributed/invited talks: If a conference is important and it is hard to get accepted/invited

for a talk, then we give a credit to students who are selected.

- Proceedings are *not* important to define the class of a conference. The criterion of importance is how selective is to have a talk accepted.
- Class C conferences do not give credits for PhD. They are only opportunities for them to practice presentations. Only having an *invited* talk would be a credit
- Posters/ Mini-conference papers/ Short papers are considered in class C. Posters do not give PhD credits.

Top

No	English Name	Abbreviation	Chinese Name	Remark
1.	Annual Symposium on Foundations of Computer Science	FOCS	IEEE 计算机科学基础会议	TH
2.	ACM Symposium on Theory of Computing	STOC	ACM 计算理论会议	TH
3.	The Annual International Conference of the ACM Special Interest Group on Data Communication	SIGCOMM	ACM 数据通讯国际会议	NT
4.	International Cryptology Conference	CRYPTO	密码学国际会议	CR
5.	ACM Symposium on Operating Systems Principles /USENIX Symposium on Operating Systems Design and Implementation	SOSP/OSDI	ACM 操作系统原理国际会议 /USENIX 操作系统设计与实现研讨会	SY SOSP(odd year) OSDI(even year)

A

No	English Name	Abbreviation	Chinese Name	Remark
6.	ACM-SIAM Symposium on Discrete Algorithms	SODA	ACM-SIAM 离散算法会议	TH
7.	IEEE Conference on Computational Complexity	CCC	IEEE 计算复杂性国际会议	TH
8.	Annual Symposium on Computational Geometry	SoCG	ACM 计算几何年会	TH
9.	Integer Programming and Combinatorial Optimization	IPCO	整数规划与组合优化会议	TH
10.	International Colloquium on Automata, Languages and Programming	ICALP	自动机、语言及编程学术国际会议	TH
11.	Innovations in Theoretical Computer Science (原: Innovations in Computer Science)	ITCS (原: ICS)	理论计算机科学创新会议 (原: 计算机科学创新会议)	TH
12.	Intl. Symp on Symbolic and Algebraic Computation	ISSAC	国际符号与代数计算研讨会	TH
13.	IEEE Symposium on Logic in Computer Science	LICS	IEEE 计算机科学逻辑会议	TH
14.	Annual International Conference on the Theory and Applications of Cryptographic Techniques	EUROCRYPT	国际密码技术理论及应用年会	CR
15.	IEEE Symposium on Security and Privacy	S&P	安全与隐私研讨会	CR
16.	ACM Conference on Computer and Communications Security	CCS	ACM 计算机与通讯安全会议	CR
17.	Usenix Security Symposium	Usenix Security	Usenix 安全会议	CR
18.	Network and Distributed System Security Symposium	NDSS	网络与分布式系统研讨会	CR
19.	ACM-SIGPLAN Conference on Programming Language Design and Implementation	PLDI	ACM 编程语言设计与实现会议	SY

20.	International Symposium on Computer Architecture	ISCA	计算机体系结构国际会议	SY
21.	International Symposium on Microarchitecture	MICRO	微体系结构国际会议	SY
22.	International Conference on Architectural Support for Programming Languages and Operating Systems	ASPLOS	编程语言和操作系统体系结构支持国际会议	SY
23.	USENIX Symposium on Networked Systems, Design and Implementation	NSDI	USENIX 网络系统设计与实现研讨会	SY/NT
24.	ACM Conference on Embedded Networked Sensor Systems	SenSys	ACM 嵌入式网络传感器系统研讨会	SY/NT
25.	the European Conference on Computer Systems	EuroSys	欧洲计算机系统会议	SY/NT
26.	ACM Conf on Meas. & Modelling of Comp Sys	SIGMETRIC	ACM 计算机系统测量与模型会议	SY/NT
27.	International Conference on Mobile Computing and Networking	MOBICOM	移动计算与网络国际会议	NT
28.	The International Conference on Mobile Systems, Applications, and Services	MOBISYS	移动系统、应用和服务国际会议	NT
29.	ACM Symposium on Parallelism in Algorithms and Architectures	SPAA	ACM 算法与体系结构并行化会议	NT
30.	ACM SIGACT-SIGOPS Symposium on Principles of Distributed Computing	PODC	ACM 分布式计算原理会议	NT
31.	International Conference on Information Processing in Sensor Networks	IPSN	传感器网络信息处理国际会议	NT

32.	ACM International Symposium on Mobile Ad Hoc Networking and Computing	MOBIHOC	ACM 移动自组织网络与计算国际会议	NT
33.	International Symposium on Computer Performance, Modeling, Measurements and Evaluation	IFIP Performance	计算机性能、建模、测量和评估国际会议	
34.	IEEE International Conference on Computer Communications	INFOCOM	IEEE 计算机通信国际会议	NT
35.	ACM Special Interest Group on Management Of Data	SIGMOD	ACM 数据管理国际会议	DB
36.	International Conference on Very Large Data Bases	VLDB	超大数据库国际会议	DB
37.	International Conference on Data Engineering	ICDE	数据工程国际会议	DB
38.	ACM SIGMOD-SIGACT-SIGART Symposium on Principles of Database Systems	PODS	ACM 数据国际会议	DB/TH
39.	Data Compression Conference	DCC	数据压缩会议	/
40.	Computational Learning Theory	COLT	计算学习理论国际会议	ML/TH
41.	Advances in Neural Information Processing Systems	NIPS	神经信息处理系统进展	ML
42.	International Conference on Machine Learning	ICML	机器学习国际会议	ML
43.	International Conference on Learning Representations	ICLR		ML
44.	Annual Meeting of the Association of Computational Linguistics	ACL	计算语言学年会	NLP
45.	International Joint Conferences on Artificial Intelligence	IJCAI	人工智能国际会议	AI

46.	Conference on Artificial Intelligence	AAAI	人工智能会议	AI
47.	UAI: Conference on Uncertainty in AI	UAI	人工智能中的不确定性会议	AI
48.	International Conference on Autonomous Agents and Multiagent Systems	AAMAS	多主体系统国际会议	AI
49.	IEEE Conference on Computer Vision and Pattern Recognition	CVPR	IEEE 计算机视觉和模式识别国际会议	VG
50.	International Conference on Computer Vision.	ICCV	计算机视觉国际会议	VG
51.	European Conference on Computer Vision	ECCV	欧洲计算机视觉会议	VG
52.	ACM SIGGRAPH Conference	SIGGRAPH	ACM SIGGRAPH 会议	VG
53.	ACM---SIGGRAPH Interactive 3D Graphics	I3DG	ACM SIGGRAPH 交互 3D 图形会议	VG
54.	International ACM SIGIR Conference on Research and Development in Information Retrieval	SIGIR	ACM SIGIR 信息检索和发展会议	IR
55.	The annual ACM SIGKDD conference	KDD	ACM 数据挖掘国际会议	DM
56.	ACM Conference on Recommender Systems	ACM RecSys	ACM 推荐系统年会	AI/DM
57.	International World Wide Web Conference	WWW	国际万维网会议	Web
58.	ACM Conference on economics and computation	ACM EC	国际计算与经济年会	Econ/TH/AI
59.	ACM Multimedia Conference	ACM-MM	ACM 多媒体会议	MM

60.	ACM Conference on Human Factors in Computing Systems	CHI	ACM 人机交互会议	HCI
61.	ICSE: Intl Conf on Software Engineering	ICSE	软件工程国际会议	SE
62.	Annual International Conference on Computational Molecular Biology	RECOMB	国际计算分子生物学年会	BI
63.	Intelligent Systems for Molecular Biology	ISMB	分子生物智能系统	BI
64.	ACM International Conference on Emerging Networking Experiments and Technologies	CoNext	ACM 新兴网络实验与技术国际会议	NT
65.	IEEE Real-Time Systems Symposium	RTSS	IEEE 实时系统研讨会	SY
66.	USENIX Annual Technical Conference	ATC	USENIX 年度技术会议	SY
67.	ACM Symposium on Cloud Computing	SoCC	ACM 云计算研讨会	SY
68.	USENIX Conference on File and Storage Technologies	FAST	USENIX 文件与存储会议	SY
69.	The International Conference for High Performance Computing, Networking, Storage and Analysis	SC	高性能计算、网络、存储和分析国际会议	SY
70.	The International Conference on Dependable Systems and Networks	DSN	可靠系统和网络国际会议	NT/SY
71.	ACM International Conference on Future Energy Systems	ACM e-Energy	ACM 未来能源系统国际会议	NT
72.	International Conference on Ubiquitous Computing	Ubicomp	普世计算国际会议	SY/NT
73.	Theory of Cryptography Conference	TCC	密码学理论会议	CR

74.	IEEE International Symposium on High-Performance Computer Architecture	HPCA	IEEE 高性能计算架构会议	SY
75.	Symposium on Principles and Practice of Parallel Programming	PPoPP	并行编程原理与实践会议	SY
76.	IEEE International Solid-State Circuits Conference	ISSCC	国际固态电路会议	SY
77.	Symposia on VLSI Technology and Circuits	VLSI Symposium	VLSI 技术电路峰会	SY
78.	International Society for Computational Biology	ISMB		
79.	Research in Computational Molecular Biology	RECOMB		

B

No	English Name	Abbreviation	Chinese Name	Remark
80.	Annual European Symposium on Algorithms	ESA	欧洲算法年会	TH
81.	International Symposium on Theoretical Aspects of Computer Science	STACS	计算机科学理论国际会议	TH
82.	International Workshop on Approximation Algorithms for Combinatorial Optimization Problems	APPROX	组合优化的近似算法国际会议	TH
83.	International Workshop on Randomization and Computation	RANDOM	随机与计算国际会议	TH
84.	Annual Conf on Computer Science Logic	CSL	计算机逻辑学年会	TH
85.	Scandinavian Symposium and Workshops on Algorithm Theory	SWAT	斯堪的纳维亚算法理论会议	TH

86.	Algorithms and Data Structure Symposium	WADS	算法与数据结构会议	TH
87.	Intl Symp on Latin American Theoretical Informatics	LATIN	拉丁美洲理论信息学研讨会	TH
88.	International Symposium on Mathematical Foundations of Computer Science	MFCS	计算机科学数学基础国际会议	TH
89.	International Workshop on Internet and Network Economics	WINE	互联网及网络经济国际会议	TH/Econ
90.	Internet Measurement Conference	IMC	网络测量会议	NT/SY
91.	International Symposium on Distributed Computing	DISC	分布式计算国际会议	NT
92.	IEEE International Conference on Network Protocols	ICNP	IEEE 网络协议国际会议	NT
93.	IEEE Communications Society Conference on Sensor and Ad Hoc Communications and Networks	SECON	IEEE 通信协会传感器与特设通信及网络会议	NT
94.	International Conference on Distributed Computing Systems	ICDCS	分布式计算系统国际会议	NT
95.	International Conference on Parallel Processing	ICPP	并行处理国际会议	NT
96.	International Symposium on Modeling and Optimization in Mobile, Ad Hoc, and Wireless Networks	WiOpt	移动、自组和无线网络的建模及优化国际研讨会	NT
97.	Annual International Conference on the Theory and Application of Cryptology and Information Security	AsiaCrypt	国际密码学理论与应用及信息安全年会	CR
98.	Financial Cryptography	FC	金融密码	CR
99.	European Symposium on Research in Computer Security	ESORICS	欧洲计算机安全研究研讨会	CR

100.	IACR Workshop on Cryptographic Hardware and Embedded Systems	CHES	IACR 密码硬件与嵌入系统会议	CR
101.	IEEE Computer Security Foundations Symposium	CSF	IEEE 计算机安全基础研讨会	CR
102.	IACR Workshop on Fast Software Encryption	FSE	IACR 快速原件加密会议	CR
103.	International Conference on Web Search and Data Mining	WSDM	国际搜索与数据挖掘回忆	Web/IR/DM
104.	IEEE International Conference on Data Mining	ICDM	IEEE 数据挖掘国际会议	DM
105.	SIAM International Conference on Data Mining	SDM	SIAM 数据挖掘国际会议	DM
106.	North American Chapter of the ACL	NAACL	ACL 北美洲会议	NLP
107.	Conference on Natural Language Learning Computational Linguistics	CoNLL	自然与原学习计算语言学会议	NLP
108.	Empirical Methods in Natural Language Processing	EMNLP	自然语言处理的实验方法	NLP
109.	International Conference on Computational Linguistics	COLING	国际计算语言学会议	NLP
110.	European chapter of the Association for Computational Linguistic	EACL	欧洲计算语言学会议	NLP
111.	Conference on Innovative Data Systems Research	CIDR	创新数据系统研究会议	DB
112.	International Conference on Extending Database Technology	EDBT	国际拓展数据库技术会议	DB
113.	International Conference on Database Systems for Advanced Applications	DASFAA	高级应用的数据库系统国际会议	DB

114.	International Conference on Database Theory	ICDT	ACM 数据国际会议	DB/TH
115.	International Conference on Information and Knowledge Management	CIKM	信息与知识管理国际会议	DB/DM/IR
116.	International Conference on the Principles of Knowledge Representation and Reasoning	KR	知识表示和推理原理国际会议	AI
117.	International Conference on Automated Planning and Scheduling	ICAPS	自动计划与调度国际会议	AI
118.	European Conf on Machine Learning/ Principles of Knowledge Discovery and Data Mining	ECML-PKDD	欧洲机器学习-知识发现与数据挖掘会议	ML/DM
119.	Intl (Joint) Conference on Neural Networks	ICNN/IJCNN	神经网络国际会议	ML
120.	International Conference on Artificial Intelligence and Statistics	AISTATS	人工智能与统计学国际会议	ML
121.	International Conference on Algorithmic Learning Theory	ALT	算法学习理论国际会议	ML
122.	Intl Conf on Computer Analysis of Images and Patterns	CAIP	图形和模式分析国际会议	VG
123.	Intl Conf on Image Processing	ICIP	图形处理国际会议	VG
124.	Intl Conf on Pattern Recognition	ICPR	模式识别国际会议	VG
125.	Asian Conference on Computer Vision	ACCV	亚洲计算机视觉会议	VG
126.	British Machine Vision Conference	BMVC	英国机器视觉会议	VG
127.	IEEE International Conference on Computational Photography	ICCP	IEEE 国际计算摄影学会议	VG

128.	European Graphics Conference	EUROGRAPH	欧洲图形学会议	VG
129.	IEEE Visualization	/	IEEE 图形化会议	VG
130.	International Conference on Acoustics, Speech, and Signal Processing	ICASSP	语音与信号处理国际会议	SP
131.	Annual Conference of the International Speech Communication Association	Interspeech	国际语音交流组织年会	SP
132.	IEEE International Conference on Multimedia and Expo	ICME	IEEE 多媒体和展览国际会议	MM/VG
133.	IEEE International Conference on Smart Grid Communications	SmartGridComm	IEEE 国际智能电网会议	SG
134.	IEEE PES Conference on Innovative Smart Grid Technologies	IEEE PES ISGT	创新智能电网会议	SG
135.	IEEE Power & Energy Society General Meeting	PES general meeting	IEEE 电力与能源会议	SG
136.	IEEE/ACM International Symposium on Quality of Service	IWQoS	IEEE/ACM 国际服务质量研讨会	NT
137.	IEEE Pervasive Computing and Communication conference,	PerCom	IEEE 普世计算国际会议	SY
138.	International Test Conference	ITC	国际测试会议	SY
139.	International Conference on Massive Storage Systems and Technology	MSST	大规模存储系统和技术国际会议	SY
140.	IEEE/IFIP Network Operations and Management Symposium	NOMS	IEEE/IFIP 网络操作和管理研讨会	NT
141.	Symposium on Reliable Distributed Systems	SRDS	可信分布式系统研讨会	NT/SY

142.	IFIP/IEEE International Symposium on Integrated Network Management	IM	IFIP/IEEE 国际集成网络管理研讨会	NT
143.	Annual ACM Conference on Learning at Scale	L@S	ACM 大规模学习年会	
144.	ACM Technical Symposium on Computer Science Education	SIGCSE	ACM 计算机科学教学技术研讨会	
145.	ACM Asia-pacific Workshop on Systems	APSys	ACM 亚太系统研讨会	
146.	IEEE Conference on Decision and Control	CDC	IEEE 决策与控制会议	SY
147.	American Control Conference	ACC	美国控制会议	
148.	IEEE International Symposium on Information Theory	ISIT	IEEE 信息理论国际研讨会	
149.	ACM SIGSPATIAL International Conference on Advances in Geographic Information Systems	ACM SIGSPATIAL	地理信息系统的发展国际会议	DB/DM
150.	ACM Symposium on SDN Research	SOSR	ACM 软件定义网络研讨会	NT
151.	International Conference on Parallel Architectures and Compilation Techniques	PACT	并行体系结构与编译技术国际会议	SY
152.	International Symposium on Code Generation and Optimization	CGO	代码生成与优化国际会议	SY
153.	International Conference on High Performance and Embedded Architectures and Compilers	HiPEAC	高性能嵌入式架构与编译器国际会议	SY
154.	Design Automation Conference	DAC	电路设计自动化峰会	SY
155.	Design, Automation & Test in Europe Conference	DATE	欧洲电路设计自动化峰会	SY

156.	ACM/SIGDA International Symposium on Field-Programmable Gate Arrays	FPGA	FPGA 设计国际会议	SY
157.	ACM International Symposium on High Performance Distributed Computing	HPDC	ACM 高性能分布式计算国际会议	SY
158.	International Conference on Computer Design	ICCD	计算机辅助设计国际会议	SY
159.	IEEE/ACM International Conference on Computer Aided Design	ICCAD	IEEE/ACM 计算机辅助设计国际会议	SY
160.	International Parallel & Distributed Processing Symposium	IPDPS	并行与分布式处理国际会议	SY
161.	International Symposium on Circuits and Systems	ISCAS	电路与系统国际研讨会	SY
162.	Asia and South Pacific Design Automation Conference	ASP-DAC	亚太电路设计自动化峰会	SY
163.	European Conference on Computational Biology	ECCB		
164.	ACM Conference on Bioinformatics, Computational Biology, and Health Informatics	ACM-BCB		
165.	IEEE International Conference on Bioinformatics and Biomedicine	IEEE-BIBM		
166.	Asia Pacific Bioinformatics Conference	APBC		

C

	English Name	Abbreviation	Chinese Name	Remark
167.	International Symposium on Algorithms and Computation	ISAAC	算法与计算国际会议	TH

168.	IARC Annual Conference on Foundations of Software Technology and Theoretical Computer Science	FSTTCS	IARC 网络技术与理论计算机科学基础年会	TH
169.	International Symposium on Graph Drawing	GD	国际画图法会议	TH
170.	International Computing and Combinatorics Conference	COCOON	计算与组合国际会议	TH
171.	Workshop on Approximation and Online Algorithms	WAOA	近似与在线算法工作会议	TH
172.	Workshop on Algorithm Engineering and Experimentation	ALENEX	算法工程与实验会议	TH
173.	SIAM: Analytic Algorithmics and Combinatorics	ANALCO	SIAM 分析算法与组合学	TH
174.	Workshop on Graph-Theoretic Concepts in Computer Science	WG	计算机科学图论概念会议	TH
175.	Annual Conference on Theory and Applications of Models of Computation	TAMC	计算模型理论与应用年会	TH
176.	Joint FAW-AAIM Conference	AAIM-FAW	FAW-AAIM 联合会议	TH
177.	IEEE Information Theory Workshop	ITW	IEEE 信息理论研讨会	TH
178.	International Conference on Algorithms and Complexity	CIAC	算法与复杂性国际会议	TH
179.	International Colloquium on Structural Information and Communication Complexity	SIROCCO	结构信息和通信复杂性国际学术会议	NT
180.	Computability In Europe	CiE	欧洲可计算性会议	TH
181.	International Symposium on Algorithms for Sensor Systems,	ALGOSENSORS	传感器系统、无线自组网络与自	NT

	Wireless Ad Hoc Networks and Autonomous Mobile Entities		主移动实体国际研讨会	
182.	IEEE International Conference on Distributed Computing in Sensor Systems	DCOSS	传感器系统分布式计算国际会议	NT
183.	IEEE Symposium on Network Coding	NetCod	IEEE 网络编码国际会议	NT
184.	International Conference on Ad Hoc Networks and Wireless	Adhoc-Now	自组网络及无线国际研讨会	NT
185.	IEEE Conference on Local Computer Networks	LCN	IEEE 本地计算机网络会议	NT
186.	International Conferences on Networking	Networking	计算机网络国际会议	NT
187.	IEEE Wireless Communications & Networking Conference	WCNC	IEEE 无线通信和网络会议	NT
188.	International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems	MSWiM	无线与移动系统的建模，分析及模拟国际会议	NT
189.	European Conference on Wireless Sensor Networks	EWSN	欧洲无线传感器网络会议	NT
190.	IEEE International Conference on Mobile Ad-hoc and Sensor Systems	MASS	IEEE 移动随意及感测系统国际研讨会	NT
191.	Annual Asilomar Conference on Signals, Systems, and Computers	Asilomar	Asilomar 信号、系统与计算会议	NT
192.	IEEE International Conference on Communications	ICC	IEEE 通信国际会议	NT
193.	IEEE Global Communications Conference	GLOBECOM	IEEE 全球电信会议	NT
194.	Workshop on The Economics of Networks, Systems, and Computation	NetEcon	网络经济、系统和计算工作会议	NT

195.	International Workshop on Peer-to-Peer Systems	IPTPS	端对端系统国际工作会议	NT
196.	ACM SIGACT/SIGMOBILE International Workshop on Foundations of Mobile Computing	FOMC	SIGACT/SIGMOBILE 移动计算基础国际研讨会	NT
197.	International conference on distributed computing and networking	ICDCN	分布式计算与网络国际会议	NT
198.	The Workshop on Hot Topics in Networks	HotNets	计算机网络热点研讨会	NT
199.	USENIX Annual Technical Conference	USENIX	USENIX 年度技术会议	SY
200.	IEEE Real-Time and Embedded Technology and Applications Symposium	RTAS	IEEE 实时和嵌入式技术与应用会议	SY
201.	The International Conference on Networked Sensing Systems	INSS	网络传感器系统国际会议	SY/NT
202.	Hybrid Systems: Computation and Control	HSCC	混合系统：计算与控制	SY
203.	International Conference on Compiler Architectures and Synthesis for Embedded Systems	CASES	嵌入式系统编译器结构会议	SY
204.	Intl Conf on Scientific and Statistical DB Mgmt	SSDBM	国际科学与统计数据管理会议	DB
205.	International Conference on Web-Age Information Management	WAIM	网络时代信息管理国际会议	DB
206.	Intl Symp on Large Spatial Databases	SSD	国际大型空间数据库研讨会	DB
207.	International Workshop on Data Management for Sensor Networks	DMSN	传感器网络数据管理国际工作会议	DB/NT
208.	Pacific-Asia Conf on Know. Discovery & Data Mining	PAKDD	亚太地区知识发现与数据挖掘会	DM

			议	
209.	International Conference on Theory and Practice of Public-Key Cryptography	PKC	公钥加密法理论与实践国际会议	CR
210.	RSA Conference, Cryptographers' Track	CT-RSA	RSA 会议, 密码组	CR
211.	International Conference on Applied Cryptography and Network Security	ACNS	应用密码与网络安全国际会议	CR
212.	The Visual Communications and Image Processing Conference	VCIP	视觉通信和图像处理会议	VG/MM
213.	IEEE PES Innovative Smart Grid Technologies Asia	PES ISGT Asia	IEEE 创新智能电网亚洲会议	SG