

# 소프트웨어 분야 최우수 학술대회 목록

2014.11 한국정보과학회 작성

<b>Algorithm &amp; Theory</b>	
1	FOCS IEEE Symposium on Foundations of Computer Science
2	STOC ACM Symposium on Theory of Computing
3	SODA ACM-SIAM Symposium on Discrete Algorithms
4	LICS IEEE Symp on Logic in Computer Science
5	SOCG Annual Symposium on Computational Geometry
<b>Artificial Intelligence / Machine Learning</b>	
6	AAAI AAAI Conference on Artificial Intelligence
7	IJCAI - International Joint Conference on Artificial Intelligence
8	ICML International Conference on Machine Learning
9	NIPS Conference on Neural Information Processing Systems
<b>Computer Vision / Pattern Recognition</b>	
10	CVPR Conference on Computer Vision and Pattern Recognition
11 (biannual)	ICCV International Conference on Computer Vision
12 (biannual)	ECCV European Conference on Computer Vision
<b>NLP</b>	
13	ACL Annual Meeting of the Association for Computational Linguistics
14	COLING - International Conference on Computational Linguistics
<b>Architecture / Hardware</b>	
15	ISCA International Symposium on Computer Architecture
16	MICRO International Symposium on Microarchitecture
17	HPCA International Symposium on High-Performance Computer Architecture
18	ASPLOS Architectural Support for Programming Languages and Operating Systems
19	DAC Design Automation Conference
<b>Operating System / Realtime</b>	
20 (biannual)	SOSP ACM Symposium on Operating Systems Principles
21 (biannual)	OSDI USENIX Symposium on Operating Systems Design and Implementation
22	FAST USENIX Conference on File and Storage Technologies
23	ATC USENIX Annual Technical Conference
24	EuroSys European Conference on Computer Systems
25	RTSS IEEE Real-Time Systems Symposium
26	RTAS
27	SIGMETRICS Measurement and Modeling of Computer Systems
<b>Graphics &amp; HCI</b>	
28	CHI ACM Conference on Human Factors in Computing Systems
29	UIST ACM Symposium on User Interface Software and Technology
30	SIGGRAPH International Conference on Computer Graphics and Interactive Techniques
31	IEEE Visualization
32	Eurographics
<b>Network</b>	
33	SIGCOMM ACM SIGCOMM Conference
34	NSDI USENIX Symposium on Networked Systems Design and Implementation
35	MobiCom ACM International Conference on Mobile Systems, Application and Services
36	MobiSys ACM International Conference on Mobile Computing and Systems
37	CoNEXT International Conference on emerging Networking EXperiments and Technologies
<b>Distributed/ Parallel Computing</b>	
38	PPoPP ACM SIGPLAN Symposium on Principles and Practice of Parallel Programming
39	SC ACM/IEEE International Conference for High Performance Computing, Networking, Storage, and Analysis
40	PACT International Conference on Parallel Architectures and Compilation Techniques
41	HPDC - International ACM Symposium on High Performance Distributed Computing

	<b>Database</b>
42	SIGMOD International Conference on Management of Data
43	VLDB International Conference on Very Large Data Bases
44	ICDE International Conference on Data Engineering
45	PODS ACM Symposium on Principles of Database Systems
46	EDBT - Extending Database Technology
	<b>Data Mining / Information Retrieval</b>
47	KDD ACM SIGKDD Conference on Knowledge Discovery and Data Mining
48	ICDM IEEE International Conference on Data Mining
49	WWW World-Wide Web Conference
50	CIKM ACM Conference on Information and Knowledge Management
51	SIGIR ACM SIGIR Conference on Information Retrieval
52	ISWC - International Semantic Web Conference
	<b>Programming Language / Compiler</b>
53	PLDI SIGPLAN Conference on Programming Language Design and Implementation
54	POPL Symposium on Principles of Programming Languages
55	ICFP International Conference on Functional Programming
56	OOPSLA Conference on Object-Oriented Programming, Systems, Languages, and Applications
	<b>Security &amp; Privacy</b>
57	S&P IEEE Symposium on Security and Privacy
58	USENIX Security USENIX Security Symposium
59	CCS ACM Conference on Computer and Communications Security
60	NDSS Network and Distributed System Security Symposium
61	CRYPTO International Cryptology Conference
62	EUROCRYPT International Conference on the Theory and Applications of Cryptographic Techniques
	<b>Software Engineering</b>
63	ICSE International Conference on Software Engineering
64	FSE ACM SIGSOFT Symposium on the Foundations of Software Engineering
65	ASE IEEE/ACM International Conference On Automated Software Engineering

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2014.11 한국정보과학회 작성

분야	약칭	학술대회명칭
1 AI/Robotics	AAAI	AAAI Conference on Artificial Intelligence
2 AI/Robotics	AAMAS	International Conference on Autonomous Agents and Multi-agent Systems
3 CVPR	ACCV	Asian Conference on Computer Vision
4 NLP	ACL	Annual Meeting of Computational Linguistics
5 Security	ACSAC	ACM Annual Computer Security Applications Conference
6 AI/Robotics	AISTATS	International Conference on Artificial Intelligence and Statistics
7 Network	ANCS	ACM/IEEE Symposium on Architectures for Networking and Communications Systems
8 SE	ASE	IEEE/ACM International Conference on Automated Software Engineering
9 Security	ASIACRYPT	International Conference on the Theory and Application of Cryptology and Information Security
10 OS, HW, PL	ASPLOS	Architectural Support for Programming Languages and Operating Systems
11 NLP	ASRU/SLT	Automatic Speech Recognition and Understanding/Spoken Language Technology
12 CVPR	AVSS	IEEE International Conference on Advanced Video and Signal-Based Surveillance
13 AI/Robotics/ML/Vision/Bio	BCB	ACM Conference on Bioinformatics, Computational Biology, and Health Informatics
14 Bio	BIBE	IEEE Bioinformatics and Bioengineering
15 OS(RT/Embedded)	CASES	International Conference on Compilers, Architecture, and Synthesis for Embedded Systems
16 SE, Theory/AL	CAV	International Conference on Computer-Aided Verification
17 PL/Compiler	CC	International Conference on Compiler Construction
18 Theory/AL	CCC	IEEE Symposium on Computational Complexity
19 HPC	CCGRID	IEEE/ACM International Symposium on Cluster, Cloud, and Grid Computing
20 Security	CCS	ACM conference on Computer and communications security
21 PL/Compiler	CGO	International Symposium on Code Generation and Optimization
22 Security	CHES	Workshop on Cryptographic Hardware and Embedded Systems
23 Graphics	CHI	ACM CHI Conference on Human Factors in Computing Systems
24 DM	CIKM	ACM International Conference on Information and Knowledge Management
25 DB, IR	CIVR	International Conference on Image and Video Retrieval
26 HPC	CLUSTER	IEEE International Conference on Cluster Computing
27 Theory/AL	COCOON	International Computing and Combinatorics Conference
28 OS(RT/Embedded)	CODES+ISSS	International Conference on Hardware/Software Codesign and System Synthesis
29 AI/Robotics	COGSCI	Annual Meeting of the Cognitive Science Society
30 NLP	COLING	International Conference on Computational Linguistics
31 Theory/AL, ML	COLT	Annual Conference on Computational Learning Theory
32 PL/Compiler	CONCUR	International Conference on Concurrency Theory
33 Network	CONEXT	ACM International Conference on Emerging Networking Experiments and Technologies
34 Network	COSN	ACM CONFERENCE ON ONLINE SOCIAL NETWORKS
35 Theory/AL	CPM	Annual Symposium on Combinatorial Pattern Matching
36 Security	CRYPTO	International Cryptology Conference
37 Bio	CSB	IEEE Computational Systems Bioinformatics Conference
38 Inter	CSCW	ACM Conference on Computer supported cooperative work
39 SE	CSEET	Conference on Software Engineering Education and Training
40 Security	CSF	IEEE Computer Security Foundation Symposium
41 CVPR	CVPR	IEEE Conference on Computer Vision and Pattern Recognition
42 HW	DAC	Design Automation Conference
43 HW	DATE	Design Automation and Test in Europe Conference
44 Network	DCOSS	IEEE International Conference on Distributed Computing in Sensor Systems
45 HPC	DISC	International Symposium on Distributed Computing
46 Security, OS	DSN	IEEE/IFIP International Conference on Dependable Systems and Networks
47 NLP	EACL	European Association for Computational Linguistics
48 AI/Robotics	ECAI	European Conference on Artificial Intelligence
49 Bio	ECCB	European Conference on Computational Biology
50 CVPR	ECCV	European Conference on Computer Vision
51 PL/Compiler, SE	ECOOP	European Conference on Object Oriented Programming
52 OS(RT/Embedded)	ECRTS	EuroMicro on Real-Time Systems
53 DB, DM	EDBT	Extending Database Technology
54 Graphics	EG	Eurographics
55 AI/Robotics/ML/Vision/Bio	EMBC	Annual International Conference of IEEE Engineering in Medicine and Biology Society
56 NLP	EMNLP	Empirical Methods in Natural Language Processing
57 OS(RT/Embedded)	EMSOFT	ACM Conference on Embedded Software
58 Theory/AL	ESA	European Symposium on Algorithms
59 PL/Compiler, SE	ESOP	European Symposium on Programming
60 Security	ESORICS	European Symposium on Research in Computer Security

61	HPC	EURO-PAR	European Conference on Parallel Processing
62	Security	EUROCRYPT	International Conference on the Theory and Applications of Cryptographic Techniques
63	OS	Eurosys	European Conference on Computer Systems
64	Graphics	EuroVis	Eurographics Conference on Visualization
65	Theory/AL	FOCS	IEEE Symposium on Foundations of Computer Science
66	SE, Security	FSE/ESEC	ACM SIGSOFT International Symposium on the Foundations of Software Engineering / European Software Engineering Conference
67	AIML	GECCO	Genetic and Evolutionary Computation
68	HPC	GRID	IEEE/ACM International Conference on Grid Computing
69	HPC	HiPC	International Conference on High Performance Computing
70	HW	HiPEAC	International Conference on High Performance and Embedded Architectures and Compilers
71	HW	HPCA	IEEE International Symposium on High Performance Computer Architecture
72	HPC	HPDC	ACM International Symposium on High Performance Distributed Computing
73	Graphics	i3D	ACM SIGGRAPH Symposium on Interactive 3D Graphics and Games
74	Theory/AL	ICALP	International Colloquium on Automata, Languages and Programming
75	AI/Robotics	ICAPS	International Conference on Automated Planning and Scheduling
76	NLP, Signal	ICASSP	IEEE International Conference on Acoustics, Speech and Signal Processing
77	HW, Graphics	ICCAD	IEEE/ACM International Conference on Computer-Aided Design
78	HW	ICCD	IEEE International Conference on Computer Design
79	AI/Robotics	ICCI*CC	IEEE International Conference on Cognitive Informatics & Cognitive Computing
80	CVPR	ICCV	IEEE International Conference on Computer Vision
81	HPC	ICDCS	IEEE International Conference on Distributed Computing Systems
82	DB, DM	ICDE	IEEE International Conference on Data Engineering
83	DM	ICDM	IEEE International Conference on Data Mining
84	DB, DM	ICDT	International Conference on Database Theory
85	PL/Compiler, Theory/AL	ICFP	ACM International Conference on Functional Programming
86	AI/Robotics/ML/Vision/Bio	ICIP	IEEE International Conference on Image Processing
87	Theory/AL	ICLP	International Conference on Logic Programming
88	ML	ICML	IEEE International Conference on Machine Learning
89	SE	ICMSE (ICSM)	IEEE International Conference on Software Maintenance and Evolution
90	Network	ICNP	IEEE International Conference on Network Protocols
91	HPC	ICPP	International Conference on Parallel Processing
92	CVPR	ICPR	IEEE International Conference on Pattern Recognition
93	AI/Robotics	ICRA	IEEE International Conference on Robotics and Automation
94	HPC	ICS	ACM International Conference on Supercomputing
95	SE	ICSE	IEEE International Conference on Software Engineering
96	SE	ICST	IEEE International Conference on Software Testing, Verification and Validation
97	SE	ICWS	IEEE International Conference on Web Services
98	DM	ICWSM	International Conference on Weblogs and Social Media
99	HW	IISWC	IEEE International Symposium on Workload Characterization
100	AI/Robotics	IJCAI	International Joint Conference on Artificial Intelligence
101	AI/Robotics	IJCAR	International Joint Conference on Automated Reasoning
102	NLP	IJCNLP	International Joint Conference on Natural Language Processing
103	Network	IMC	ACM Internet Measurement Conference
104	Network	INFOCOM	IEEE Conference on Computer Communications
105	Graphics	INFOVIS	IEEE Conference on Information Visualization
106	Language	INTERSPEECH	
		CH	Annual Conference of the International Speech Communication Association
107	HPC	IPDPS	IEEE International Parallel and Distributed Processing Symposium
108	Network	IPSN	ACM/IEEE Information Processing in Sensor Networks
109	AI/Robotics, Graphics	IROS	IEEE/RSJ International Conference on Intelligent Robots and Systems
110	Theory/AL	ISAAC	International Symposium on Algorithms and Computation
111	HW	ISCA	ACM/IEEE International Symposium on Computer Architecture
112	HW	ISLPED	IEEE International Symposium on Low-Power Electronics and Design
113	Graphics	ISMAR	IEEE International Symposium on Mixed and Augmented Reality
114	OS	ISMM	ACM International Symposium on Memory Management
115	Theory/Logic	ISMVL	IEEE International Symposium on Multiple-Valued Logic
116	HW	ISPASS	IEEE International Symposium on Performance Analysis of Systems and Software
117	Theory	ISSAC	ACM International Symposium on Symbolic and Algebraic Computation
118	SE	ISSRE	IEEE International Symposium on Software Reliability Engineering
119	SE	ISSTA	ACM International Symposium on Software Testing and Analysis

120	DM	ISWC	International Semantic Web Conference
121	PL/Compiler	ITP (TPHOLs)	International Conference on Interactive Theorem Proving
122	AI/Robotics	ITS	International Conference on Intelligent Tutoring Systems
123	NLP, AI/Robotics, Graphics	IUI	International Conference on Intelligent User Interfaces
124	DM	KDD	International Conference on Knowledge Discovery and Data Mining
125	Theory/AL	KR	International Conference on Principles of Knowledge Representation and Reasoning
126	PL/Compiler/Embedded	LCTES	ACM ACM SIGPLAN Conference on Languages, Compilers and Tools for Embedded Systems
127	<b>Theory/AL</b>	LICS	ACM/IEEE Symposium on Logic in Computer Science
128	OS	MASCOTS	IEEE Symposium Model Analysis and Simulation of Computer and Telecommunications Systems
129	Network	MASS	IEEE Internatonal Conference on Mobile Adhoc and Sensor Systems
130	CVPR	MICCAI	International Conference on Medical Image Computing and Computer Assisted Interventions
131	HW	MICRO	IEEE/ACM International Symposium on Microarchitecture
132	OS	MIDDLEWARE	ACM/IFIP/USENIX International Middleware Conference
133	Graphics, OS(MM)	MM	ACM Multimedia Conference
134	OS(MM)	MMSys	ACM Multimedia Systems Conference
135	Network	MobiCom	ACM International Conference on Mobile Computing and Networking
136	Network	MobiHoc	ACM International Symposium on Mobile Ad Hoc Networking and Computing
137	Network	MobiSys	ACM International Conference on Mobile Systems, Applications, and Services
138	SE (+1)	MODELS	ACM/IEEE International Conference on Model Driven Engineering Languages and Systems
139	OS	MSST	IEEE International Conference on Massive Storage Systems and Technology
140	NLP	NAACL/HLT	Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies
141	Security	NDSS	USENIX Network & Distributed System Security Symposium
142	ML	NIPS	Neural Information Processing Systems
143	Network	NOMS	IEEE/IFIP Network Operations and Management Symposium
144	OS(MM)	NOSSDAV	ACM Network and Operating System Support for Digital Audio and Video
145	PL/Compiler	OOPSLA	ACM SIGPLAN International Conference on Object-Oriented Programming, Systems, Languages, and Applications
146	OS	OSDI	USENIX Symposium on Operating Systems Design and Implementation
147	Graphics	Pacific Graphics	Pacific Conference on Computer Graphics and Applications
148	HW, Compiler	PACT	International Conference on Parallel Architectures and Compilation Techniques
149	Network	PERCOM	IEEE International Conference on Pervasive Computing and Communications
150	OS	PERFORMANCE	IFIP WG 7.3 International Symposium on Computer Performance, Modeling, Measurements and Evaluation
151	PL/Compiler	PLDI	ACM SIGPLAN Conference on Programming Language Design and Implementation
152	HPC	PODC	ACM Symposium on Principles of Distributed Computing
153	DB, DM	PODS	ACM SIGMOD-SIGACT-SIGART Symposium on Principles of Database Systems
154	PL/Compiler	POPL	ACM-SIGACT Symposium on Principles of Programming Languages
155	Theory/AL	PP	SIAM Conference on Parallel Processing for Scientific Computing
156	HPC, Theory/AL	PPoPP	ACM SIGPLAN Symposium on Principles and Practice of Parallel Programming
157	Bio	PSB	Pacific Symposium on Biocomputing
158	Security	RAID	International Symposium on Recent Advances in Intrusion Detection
159	SE	RE	IEEE International Requirements Engineering Conference
160	AI/Robotics	RSS	Robotics: Science and Systems Conference
161	OS(RT/Embedded)	RTAS	IEEE Real-Time and Embedded Technology and Applications Symposium
162	OS(RT/Embedded)	RTSS	IEEE Real-Time Systems Symposium
163	Security	S&P	IEEE Symposium on Security and Privacy
164	Security	SACMAT	ACM Symposium on Access Control Models and Technologies (previously RBAC)
165	PL/Compiler	SAS	International Static Analysis Symposium
166	HPC, HW	SC	ACM/IEEE International Conference for High Performance Computing, Networking, Storage and Analysis
167	Graphics	SCA	ACM SIGGRAPH / Eurographics Symposium on Computer Animation
168	DM	SDM	SIAM International Conference on Data Mining
169	Security	SEC (IFIP-SEC)	IFIP International Information Security and Privacy Conference
170	Network	SECON	IEEE International Conference on Sensing, Communication, and Networking
171	Network	SenSys	ACM Conference on Embedded Networked Sensor Systems
172	Graphics	SGP	Eurographics symposium on Geometry Processing

173	Network	SIGCOMM	ACM Conference on Applications, Technologies, Architectures, and Protocols for Computer Communication
174	Graphics	SIGGRAPH	ACM SIG International Conference on Computer Graphics and Interactive Techniques
175	Graphics	SIGGRAPH-ASIA	ACM SIG International Conference on Computer Graphics and Interactive Techniques
176	DM, NLP	SIGIR	ACM International Conference on Research and Development in Information Retrieval
177	OS	SIGMETRICS	ACM SIG on Computer and Communications Metrics and Performance
178	DB, DM	SIGMOD	ACM SIGMOD International Conference on Management of Data
179	AI/Robotics/ML/Vision/Bio	SMC	IEEE International Conference on Systems, Man, and Cybernetics
180	HPC	SOCC	ACM Symposium on Cloud Computing
181	Theory/AL, Graphics	SOCG	Symposium on Computational Geometry
182	Theory/AL	SODA	ACM/SIAM Symposium on Discrete Algorithms
183	OS	SOSP	ACM SIGOPS Symposium on Operating Systems Principles
184	Security	SOUPS	Symposium On Usable Privacy and Security
185	HPC, Theory/AL	SPAA	ACM Symposium on Parallelism in Algorithms and Architectures
186	PL/Compiler	SPLASH	ACM SIGPLAN conference on Systems, Programming, Languages and Applications: Software for Humanity
187	OS	SRDS	IEEE Symposium on Reliable Distributed Systems
188	Theory/AL	STACS	International Symposium on Theoretical Aspects of Computer Science
189	Theory/AL	STOC	ACM Symposium on Theory of Computing
190	PL/Compiler	TACAS	International Conference on Tools and Algorithms for Construction and Analysis of Systems
191	Security	TCC	Theory of Cryptography Conference
192	AI	UAI	Conference on Uncertainty in Artificial Intelligence
193	Graphics	UBICOMP	ACM International Joint Conference on Pervasive and Ubiquitous Computing
194	Graphics	UIST	ACM Symposium on User Interface Software and Technology
195	OS	USENIX ATC	USENIX Annual Technical Conference
196	OS	USENIX FAST	USENIX Conference on File and Storage Technologies
197	Network	USENIX NSDI	USENIX Symposium on Networked Systems Design and Implementation
198	Security	USENIX Security	USENIX Security Symposium
199	OS	VEE	ACM SIGPLAN/SIGOPS International Conference on Virtual Execution Environments
200	Graphics	VIS	IEEE Visualization Conference
201	DB, DM	VLDB / PVLDB	International Conference on Very Large Data Bases
202	Graphics	VR	IEEE Virtual Reality Conference
203	Graphics	VRST	ACM Symposium on Virtual Reality Software and Technology
204	Theory/AL	WADS	Algorithms and Data Structures Symposium (was Workshop on Algorithms and Data Structures)
205	AI	WCCI	IEEE World Congress on Computational Intelligence
206	Graphics	WHC/HS	IEEE World Haptics Conference / IEEE Haptics Symposium
207	DM	WSDM	ACM International Conference on Web Search and Data Mining
208	DM, Graphics	WWW	International World Wide Web Conference