

<2019학년도 전임교원 공개초빙 공고용>

지원자를 위한 학과소개 및 발전계획

학과	인공지능 · 데이터사이언스학과	초빙분야 (한글 및 영문)	인공지능 및 데이터사이언스 전분야
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▪ 학과소개 및 발전계획

인공지능 · 데이터사이언스학과는 인공지능 및 데이터 기반 의사 결정 등에 관련된 전문적인 교육을 진행하는 대학원 학과로, 2017년 2학기에 신설되어 교육 및 연구를 진행하고 있습니다. 특히 인공지능 및 데이터 사이언스 분야에 관련된 다양한 학과의 협력으로 연구와 교육을 진행하고 있으며, 이에 따라 다양한 도메인 분야에 대한 교육과 연구를 진행하고 있습니다. 본 학과에서는 금번 신입교원 선발을 통하여 교내, 교외 대상 관련 교육의 중심으로써의 입지를 재확인하고, 여러 교원의 협력을 통하여 대형 과제를 수주하는 등 대학의 인공지능 및 데이터 사이언스 교육, 연구 활성화에 이바지하며, 향후 진행될 인공지능 대학원 사업에 지원할 예정입니다.

▪ 신입교원 활용방안(기대 사항 등)

- 인공지능 및 데이터사이언스 관련 전공과목 강의
 - 인공지능 · 데이터처리언어, 데이터통계, 기계학습, 고급데이터마이닝 등 기존 과목 및 신입교원 전문 분야에 따른 신설 과목 등
- 대형 연구과제 기획, 지원 및 참여
 - 신입 교원 및 기존 교원의 협력을 통한 대형 연구 과제 발굴, 기획 및 참여
- 인공지능대학원 사업 참여
 - 향후 지원 예정인 인공지능 대학원 사업 지원 및 참여

▪ 지원자 최저경력 및 연구업적

- 국내외 관련 분야 박사학위 소지자
- 공고일(2019.6.4.) 기준 최근 5년간 관련 분야 학술 논문 3편 이상 게재한 자
- ※ 논문 기준:
 - SCI, SCIE 급 논문 또는 연구재단이 인정하는 우수국제학술대회 기준 우수학술대회 정규 논문 (붙임목록 참조)에 한함
 - 주저자 (제1저자나 또는 교신저자) 논문에 한함
- 영어 강의가 가능한 자



BK21 플러스 사업 Computer Science 분야 우수국제학술대회 목록 개선 결과 및 적용 기준

인재양성지원실
인재양성진흥팀
2018.3.6.(화)

1 개선된 CS분야 우수국제학술대회 목록 적용 기준

- 적용 시점 : 2018.3.1.
 - ※ 2018년도 성과점검평가는 2015년에 공지한 기존 CS 우수학술대회목록 적용
- 적용 대상 : 정보기술패널 및 컴퓨터패널 사업단(팀)
- 적용 기준 : 목록에 포함된 우수국제학술대회 발표 실적에 대하여 인정하되,
 - Regular 논문의 경우 인정 IF를 그대로 부여 (워크숍, 포스터는 IF 미부여)
 - Short 논문은 IF 1점 차감, Spotlight 논문은 IF 2점 차감

2 CS분야 우수국제학술대회 목록

코드	약칭	학술대회명	인정IF
BKCSA001	AAAI	AAAI Conference on Artificial Intelligence	4
BKCSA002	CCS	ACM Conference on Computer and Communications Security	4
BKCSA003	CHI	ACM Conference on Human Factors in Computing Systems	4
BKCSA004	MobiCom	ACM International Conference on Mobile Computing and Networking	4
BKCSA005	MM	ACM Multimedia Conference	4
BKCSA006	SIGCOMM	ACM SIGCOMM Conference	4
BKCSA007	SIGIR	ACM SIGIR Conference on Information Retrieval	4
BKCSA008	KDD	ACM SIGKDD Conference on Knowledge Discovery and Data Mining	4
BKCSA009	FSE	ACM SIGSOFT Symposium on the Foundations of Software Engineering	4
BKCSA010	SOSP	ACM Symposium on Operating Systems Principles	4
BKCSA011	STOC	ACM Symposium on Theory of Computing	4
BKCSA012	ACL	Annual Meeting of the Association for Computational Linguistics	4
BKCSA013	ASPLOS	Architectural Support for Programming Languages and Operating Systems	4
BKCSA014	CVPR	Conference on Computer Vision and Pattern Recognition	4
BKCSA015	NIPS	Conference on Neural Information Processing Systems	4

창의적 연구와 글로벌 인재양성 지원 - "National Research Foundation of Korea"

코드	약칭	학술대회명	인정F
BKCSA016	OOPSLA	Conference on Object-Oriented Programming, System, Languages, and Applications	4
BKCSA017	INFOCOM	IEEE Conference on Computer Communications	4
BKCSA018	HPCA	IEEE International Symposium on High-Performance Computer Architecture	4
BKCSA019	RTSS	IEEE Real-Time Systems Symposium	4
BKCSA020	FOCS	IEEE Symposium on Foundations of Computer Science	4
BKCSA021	S&P	IEEE Symposium on Security and Privacy	4
BKCSA022	VIS	IEEE Visualization	4
BKCSA023	MICRO	IEEE/ACM International Symposium on Microarchitecture	4
BKCSA024	SIGGRAPH	International Conference on Computer Graphics and Interactive Techniques	4
BKCSA025	ICCV	International Conference on Computer Vision	4
BKCSA026	CAV	International Conference on Computer-Aided Verification	4
BKCSA027	ICML	International Conference on Machine Learning	4
BKCSA028	SIGMOD	International Conference on Management of Data	4
BKCSA029	ICSE	International Conference on Software Engineering	4
BKCSA030	EUROCRYPT	International Conference on the Theory and Applications of Cryptographic Techniques	4
BKCSA031	VLDB/PVLDB	International Conference on Very Large Databases	4
BKCSA032	CRYPTO	International Cryptology Conference	4
BKCSA033	IJCAI	International Joint Conference on Artificial Intelligence	4
BKCSA034	ISCA	International Symposium on Computer Architecture	4
BKCSA035	WWW	International World Wide Web Conference	4
BKCSA036	PLDI	SIGPLAN Conference on Programming Language Design and Implementation	4
BKCSA037	POPL	Symposium on Principles of Programming Languages	4
BKCSA038	NSDI	USENIX Symposium on Networked Systems Design and Implementation	4
BKCSA039	OSDI	USENIX Symposium on Operating Systems Design and Implementation	4
BKCSA040	CSCW	ACM Conference on Computer-Supported Cooperative Work	3
BKCSA041	SenSys	ACM Conference on Embedded Networked Sensor Systems	3
BKCSA042	CIKM	ACM Conference on Information and Knowledge Management	3
BKCSA043	MobiSys	ACM International Conference on Mobile Systems, Application and Services	3
BKCSA044	WSDM	ACM International Conference on Web Search and Data Mining	3

코드	약칭	학술대회명	인정F
BKCSA045	UbiComp	ACM International Joint Conference on Pervasive and Ubiquitous Computing	3
BKCSA046	MobiHoc	ACM International Symposium on Mobile Ad Hoc Networking and Computing	3
BKCSA047	SIGMETRICS	ACM SIGMETRICS International Conference on Measurement and Modeling of Computer Systems	3
BKCSA048	PPoPP	ACM SIGPLAN Symposium on Principles and Practice of Parallel Programming	3
BKCSA049	SPAA	ACM Symposium on Parallelism in Algorithms and Architectures	3
BKCSA050	PODS	ACM Symposium on Principles of Database Systems	3
BKCSA051	PODC	ACM Symposium on Principles of Distributed Computing	3
BKCSA052	IPSN	ACM/IEEE Information Processing in Sensor Networks	3
BKCSA053	SC	ACM/IEEE International Conference for High Performance Computing, Networking, Storage, and Analysis	3
BKCSA054	LICS	ACM/IEEE Symposium on Logic in Computer Science	3
BKCSA055	SODA	ACM-SIAM Symposium on Discrete Algorithms	3
BKCSA056	COLT	Annual Conference on Computational Learning Theory	3
BKCSA057	UAI	Conference on Uncertainty in Artificial Intelligence	3
BKCSA058	DAC	Design Automation Conference	3
BKCSA059	EMNLP	Empirical Methods in Natural Language Processing	3
BKCSA060	ICDE	IEEE International Conference on Data Engineering	3
BKCSA061	ICDM	IEEE International Conference on Data Mining	3
BKCSA062	ICDCS	IEEE International Conference on Distributed Computing Systems	3
BKCSA063	PerCom	IEEE International Conference on Pervasive Computing and Communications	3
BKCSA064	ASE	IEEE/ACM International Conference on Automated Software Engineering	3
BKCSA065	ICCAD	IEEE/ACM International Conference on Computer-Aided Design	3
BKCSA066	CoNEXT	International Conference on emerging Networking EXperiments and Technologies	3
BKCSA067	PACT	International Conference on Parallel Architectures and Compilation Techniques	3
BKCSA068	KR	International Conference on Principles of Knowledge Representation and Reasoning	3
BKCSA069	ATC	USENIX Annual Technical Conference	3
BKCSA070	FAST	USENIX Conference on File and Storage Technologies	3
BKCSA071	Security	USENIX Security Symposium	3
BKCSA072	SoCG	(ACM) Annual Symposium on Computational Geometry	2
BKCSA073	CCC	(IEEE Conference on) Computational Complexity Conference	2

코드	약칭	학술대회명	인정F
BKCSA074	ACSAC	ACM Annual Computer Security Applications Conference	2
BKCSA075	EMSOFT	ACM Conference on Embedded Software	2
BKCSA076	IUI	ACM International Conference on Intelligent User Interfaces	2
BKCSA077	ICS	ACM International Conference on Supercomputing	2
BKCSA078	ISSTA	ACM International Symposium on Software Testing and Analysis	2
BKCSA079	IMC	ACM Internet Measurement Conference	2
BKCSA080	LCTES	ACM SIGPLAN/SIGBED Conference on Languages, Compilers and Tools for Embedded Systems	2
BKCSA081	UIST	ACM Symposium on User Interface Software and Technology	2
BKCSA082	MODELS	ACM/IEEE International Conference on Model Driven Engineering Languages and Systems	2
BKCSA083	MIDDLEWARE	ACM/IFIP/USENIX International Middleware Conference	2
BKCSA084	CogSci	Annual Meeting of the Cognitive Science Society	2
BKCSA085	NAACL/HLT	Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies	2
BKCSA086	CVPR (Spotlight)	Conference on Computer Vision and Pattern Recognition (Spotlight)	2
BKCSA087	NIPS (Spotlight)	Conference on Neural Information Processing Systems (Spotlight)	2
BKCSA088	DATE	Design Automation and Test in Europe Conference	2
BKCSA089	Eurographics	Eurographics	2
BKCSA090	EACL	European Association for Computational Linguistics	2
BKCSA091	EuroSys	European Conference on Computer Systems	2
BKCSA092	ECCV	European Conference on Computer Vision	2
BKCSA093	ECOOP	European Conference on Object Oriented Programming	2
BKCSA094	ESA	European Symposium on Algorithms	2
BKCSA095	ESOP	European Symposium on Programming	2
BKCSA096	ESORICS	European Symposium on Research in Computer Security	2
BKCSA097	ICNP	IEEE International Conference on Network Protocols	2
BKCSA098	ICSME (ICSM)	IEEE International Conference on Software Maintenance and Evolution	2
BKCSA099	ICWS	IEEE International Conference on Web Services	2
BKCSA100	IPDPS	IEEE International Parallel and Distributed Processing Symposium	2
BKCSA101	RE	IEEE International Requirements Engineering Conference	2
BKCSA102	HPDC	IEEE International Symposium on High Performance Distributed Computing	2

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코드	약칭	학술대회명	인정F
BKCSA103	RTAS	IEEE Real-Time and Embedded Technology and Applications Symposium	2
BKCSA104	MASCOTS	IEEE Symposium Model Analysis and Simulation of Computer and Telecommunications Systems	2
BKCSA105	VR	IEEE Virtual Reality Conference	2
BKCSA106	DSN	IEEE/IFIP International Conference on Dependable Systems and Networks	2
BKCSA107	PERFORMAN NCE	IFIP WG 7.3 International Symposium on Computer Performance, Modeling, Measurements and Evaluation	2
BKCSA108	ICALP	International Colloquium on Automata, Languages and Programming	2
BKCSA109	AAMAS	International Conference on Autonomous Agents and Multi-agent Systems	2
BKCSA110	CC	International Conference on Compiler Construction	2
BKCSA111	CASES	International Conference on Compilers, Architecture, and Synthesis for Embedded Systems	2
BKCSA112	COLING	International Conference on Computational Linguistics	2
BKCSA113	ICCV (Spotlight)	International Conference on Computer Vision (Spotlight)	2
BKCSA114	EDBT	International Conference on Extending Database Technology	2
BKCSA115	ICFP	International Conference on Functional Programming	2
BKCSA116	CODES	International Conference on Hardware/Software Codesign and System Synthesis	2
BKCSA117	ICPP	International Conference on Parallel Processing	2
BKCSA118	ASIACRYPT	International Conference on the Theory and Application of Cryptology and Information Security	2
BKCSA119	TACAS	International Conference on Tools and Algorithms for Construction and Analysis of Systems	2
BKCSA120	ISWC	International Semantic Web Conference	2
BKCSA121	CGO	International Symposium on Code Generation and Optimization	2
BKCSA122	DISC	International Symposium on Distributed Computing	2
BKCSA123	RAID	International Symposium on Recent Advances in Intrusion Detection	2
BKCSA124	NDSS	Network and Distributed System Security Symposium	2
BKCSA125	PG	Pacific Conference on Computer Graphics and Applications	2
BKCSA126	RSS	Robotics: Science and Systems Conference	2
BKCSA127	SDM	SIAM International Conference on Data Mining	2
BKCSA128	RecSys	ACM Conference on Recommender Systems	1
BKCSA129	ICMR	ACM International Conference on Multimedia Retrieval (Former ACM International Conference on Image and Video Retrieval)	1
BKCSA130	NOSSDAV	ACM Network and Operating System Support for Digital Audio and Video	1
BKCSA131	SAC	ACM SIGAPP Symposium on Applied Computing	1

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코드	약칭	학술대회명	인정F
BKCSA132	i3DG	ACM SIGGRAPH Symposium on Interactive 3D Graphics and Games	1
BKCSA133	VEE	ACM SIGPLAN/SIGOPS International Conference on Virtual Execution Environments	1
BKCSA134	SOCC	ACM Symposium on Cloud Computing	1
BKCSA135	ASIACCS	ACM Symposium on Information, Computer and Communications Security	1
BKCSA136	VRST	ACM Symposium on Virtual Reality Software and Technology	1
BKCSA137	ANCS	ACM/IEEE Symposium on Architectures for Networking and Communications Systems	1
BKCSA138	ACCV	Asian Conference on Computer Vision	1
BKCSA139	CSEET	Conference on Software Engineering Education and Training	1
BKCSA140	SGP	Eurographics symposium on Geometry Processing	1
BKCSA141	ECRTS	Euromicro Conference on Real-Time Systems	1
BKCSA142	ECAI	European Conference on Artificial Intelligence	1
BKCSA143	ECCV (Spotlight)	European Conference on Computer Vision (Spotlight)	1
BKCSA144	FC	Financial Cryptography and Data Security	1
BKCSA145	GECCO	Genetic and Evolutionary Computation Conference	1
BKCSA146	CSF	IEEE Computer Security Foundation Symposium	1
BKCSA147	BIBM	IEEE Conference on Bioinformatics and Biomedicine	1
BKCSA148	InfoVis	IEEE Conference on Information Visualization	1
BKCSA149	AVSS	IEEE International Conference on Advanced Video and Signal-Based Surveillance	1
BKCSA150	CLOUD	IEEE International Conference on Cloud Computing	1
BKCSA151	CLUSTER	IEEE International Conference on Cluster Computing	1
BKCSA152	ICCD	IEEE International Conference on Computer Design	1
BKCSA153	HiPC	IEEE International Conference on High Performance Computing, Data, and Analytics	1
BKCSA154	MSST	IEEE International Conference on Massive Storage Systems and Technology	1
BKCSA155	MASS	IEEE International Conference on Mobile Adhoc and Sensor Systems	1
BKCSA156	ICPR	IEEE International Conference on Pattern Recognition	1
BKCSA157	ICRA	IEEE International Conference on Robotics and Automation	1
BKCSA158	SECON	IEEE International Conference on Sensing, Communication, and Networking	1
BKCSA159	ICST	IEEE International Conference on Software Testing, Verification and Validation	1
BKCSA160	ISLPED	IEEE International Symposium on Low-Power Electronics and Design	1

코드	약칭	학술대회명	인정F
BKCSA161	ISMAR	IEEE International Symposium on Mixed and Augmented Reality	1
BKCSA162	ISPASS	IEEE International Symposium on Performance Analysis of Systems and Software	1
BKCSA163	ISSRE	IEEE International Symposium on Software Reliability Engineering	1
BKCSA164	IISWC	IEEE International Symposium on Workload Characterization	1
BKCSA165	SRDS	IEEE Symposium on Reliable Distributed Systems	1
BKCSA166	CCGrid	IEEE/ACM International Symposium on Cluster, Cloud, and Grid Computing	1
BKCSA167	NOMS	IEEE/IFIP Network Operations and Management Symposium	1
BKCSA168	SEC (IFIP-SEC)	IFIP International Information Security and Privacy Conference	1
BKCSA169	ISMB	Intelligent Systems for Molecular Biology	1
BKCSA170	FASE	International Conf. on Fundamental Approaches to Software Engineering	1
BKCSA171	ICSOC	International Conf. on Service Oriented Computing	1
BKCSA172	AISTATS	International Conference on Artificial Intelligence and Statistics	1
BKCSA173	ICAPS	International Conference on Automated Planning and Scheduling	1
BKCSA174	CONCUR	International Conference on Concurrency Theory	1
BKCSA175	DASFAA	International Conference on Database Systems for Advanced Applications	1
BKCSA176	HiPEAC	International Conference on High Performance and Embedded Architectures and Compilers	1
BKCSA177	ITS	International Conference on Intelligent Tutoring Systems	1
BKCSA178	ICLP	International Conference on Logic Programming	1
BKCSA179	MICCAI	International Conference on Medical Image Computing and Computer Assisted Interventions	1
BKCSA180	Europar	International European Conference on Parallel and Distributed Computing	1
BKCSA181	IJCAR	International Joint Conference on Automated Reasoning	1
BKCSA182	SAS	International Static Analysis Symposium	1
BKCSA183	ISAAC	International Symposium on Algorithms and Computation	1
BKCSA184	STACS	International Symposium on Theoretical Aspects of Computer Science	1
BKCSA185	PAKDD	Pacific-Asia Conference on Knowledge Discovery and Data Mining	1
BKCSA186	RECOMB	Research in Computational Molecular Biology	1
BKCSA187	SOUPS	Symposium On Usable Privacy and Security	1
BKCSA188	TCC	Theory of Cryptography Conference	1