

18th IEEE/ACIS International Conference on Computer and Information Science (ICIS 2019)



Final Program

June 17-19, 2019

CUC International Convention Center, Beijing

<http://acisinternational.org/conferences/icis-2019/>

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Program at a Glance

Monday, June 17, 2019-CUC International Convention Center (中传国际交流中心)

Time	Activity	Location
7:30-17:00	Registration	Foyer
8:20-8:40	Opening Ceremony	M1 Conference Hall
8:40-9:30	Keynote 1	M1 Conference Hall
9:45-10:00	Coffee break	Foyer
10:00-10:50	Keynote 2	M1 Conference Hall
11:00-11:50	Keynote 3	M1 Conference Hall
12:00-13: 00 Lunch Buffet		
13:00-15:00		
Room M2	Room M3	Room M4
Session 1A: SoftwareArchitecture, Software Specification Techniques	Session 1B: Communication System & Networks, Data Mining, Data Warehousing & Database	Session 1C: Virtual and Multimedia Computing, Internet Technology and Applications
15:00-15:15 Coffee Break		
15:15-17:35		
Room M2	Room M3	Room M4
Session 2A: ComputerArchitecture, UML, OO Modeling & Simulation, Web Applications	Session 2B: Knowledge Discovery, Neural Networks and Genetic Algorithms	Session 2C: Big Data and Analytics, Internet of Things
18:00 - 19:30 Dinner Banquet		

Tuesday, June 18, 2019–CUC International Convention Center (中传国际交流中心)

8:00-16:00 Registration		
8:00-10:00		
Room M2	Room M3	Room M4
Session 3A: Image Processing and Pattern Recognition I	Session 3B: Control System, Intelligent Systems, Software Verification and Testing	Session 3C: Workshop_ICS2019
10:00-10:15 Coffee Break		
10:15-12:15		
Room M2	Room M3	Room M4
Session 4A: Image Processing and Pattern Recognition II	Session 4B: Speech and Signal Processing	Session 4C: Workshop_ICS2019
12:15-13:30 Lunch Buffet		
13:30-15:40		
Room M2	Room M3	Room M4
Session 5A: Workshop SMTA2019	Session 5B: Special Session	Session 5C: Workshop_ICS2019
15:40-15:55 Coffee Break		
15:55-17:55		
Room M2	Room M3	Room M4
Session 6A: Workshop SMTA2019	Session 6B: Special Session	Session 6C: Workshop_ICS2019

Wednesday, June 19, 2019–CUC International Convention Center (中传国际交流中心)

8:00-11:00 Registration
8:00-10:00 RoomM2
Session 7A: Applied Information, Middleware Techniques, Mobile/Wireless Computing
10:00-10:15 Coffee Break
10:15-12:00 RoomM2
Session 8A: Parallel and Distributed Computing & Systems, High Performance and Small Computing
12:00-12:30 Closing Remarks (Program Chairs): Room M2
12:30-14:00 Lunch Buffet
14:30-15:30 China Media Museum Visiting
15:30-16:30 CUC History Museum Visiting

Keynote 1

Privacy Protection in Big Data Auction, Life Cycle and Security

Dr. Chao Lu

Dept. of Computer and Information Sciences, Towson University, USA

Abstract

Big data is one of the keys to unlock the next great waves of economic growth. A number of smart-world systems (smart grid, smart transportation, smart cities, etc.) driven by advances in Internet of Things (IoT) technologies will accelerate the generation and collection of big data to an unprecedented scale. As a fundamental commodity in our current information age, big data is the crucial competitiveness in modern commerce. This calls for the development of a big data market: pricing, trading, privacy preserving and protection, data security, etc. In this talk, we will discuss the related issues of big data market: pricing, trading, more specifically the big data auction, how we can preserve privacy by leveraging the concept of homomorphic cryptography and secure network protocol design. We propose a generic Privacy-Preserving Auction Scheme (PPAS), in which the two independent entities of Auctioneer and Intermediate Platform comprise an untrusted third-party trading platform. Yet, to further improve the security of the privacy-preserving auction, we also propose an Enhanced Privacy-Preserving Auction Scheme (EPPAS) that leverages an additional signature verification mechanism. The feasibilities of both schemes are validated through detailed theoretical analyses and extensive performance evaluations, including assessment of the resilience to attacks. In addition, we will discuss some open issues and possible extensions relevant to our schemes.

Bio



Dr. Chao Lu has been with Towson University as a professor of Computer Science since 1990. He received his BS in E.E. from Shandong University, China in 1982, and MS in Engineering (E.E.) 1985 and Ph.D. in Engineering (E.E.) 1988 from City University of New York. He was chair of the Computer & Information Sciences department 1999 to 2007, and 2010 to 2016. In between, he was acting Dean of the college of Graduate Studies, and Associate Vice President for Research 2007 to 2010. He has been director of the D.Sc. in IT program since 2016. His research interests include cyber physical system security, error-free computing, human motion classification, computer vision, and parallel/distributed computing. He received the U.S. Federal “Excellence in Technology Transfer” award and the “Alan Berman Research Publications” award in 2001, co-authored two books: “Algorithms for Discrete Fourier Transform and Convolutions”, Springer, 1989, 2nd Edition 1997, “Mathematics of Multi-dimensional Fourier Transform Algorithms”, Springer, 1993, 2nd Edition 1997, and more than 90 research papers. He received the President Distinguished Faculty Award of Towson University in 2016. He has chaired 5 international conferences and has been invited as a keynote speaker at several professional conferences.

Keynote 2

Correctness and Bounded Correctness

Dr. Wenhui Zhang

Professor of Computer Science SKLCS, Institute of Software, Chinese Academy of Sciences, and
University of Chinese Academy of Sciences

Abstract

Correctness is an important issue in computer science and software engineering. For concurrent systems, the definition of correctness is usually based on properties of infinite execution paths. Bounded correctness is a kind of correctness defined on finite paths, and provides a different view on the issue of correctness. This talk focuses on the concept of bounded correctness and the relation between correctness and bounded correctness. For the purpose of verification, the definition of correctness based on infinite paths is not directly applicable as a means for verification, and the approaches for such a purpose include those based on the analysis of strongly connected components and on the computation of fixed points. On the other hand, correctness may be verified in terms of bounded correctness by an approach derived from the definition of bounded correctness. The complementariness of these verification approaches is explained.

Bio



Wenhui Zhang is a Professor of Computer Science at the Institute of Software, Chinese Academy of Sciences. He received his Ph.D. from the University of Oslo in 1988. His research interests include automated theorem proving, program verification, temporal logics, model checking, and formal software engineering methods.

Keynote 3

Social Media and Security

Dr. Xiaohui Cui

School of Cyber Science and Engineering, Wuhan University, China

Abstract

Social media is an "unorganized organization". It can play the same function as an organization without common ideals and beliefs, scientific and rigorous organizational system, mature ways of developing members, and stable funding for activities. It is infiltrating into people's political, economic, ideological and cultural fields with its irresistible momentum and amazing development scale and speed. It has changed the form of information dissemination and poses severe challenges to social stability.

In the era of big data, the analysis results based on social media data lead to the leakage of personal information. The Prism event rang the awakening of the world. "water army" and social robots based on artificial intelligence appeared. Rumors and fake news exploded. Events such as the "Twitter Revolution" that caused national turmoil. So, Ensuring the secure transmission, storage, use and authenticity of personal social information is a serious task.

The report summarizes the characteristics of the social media, discusses its influence mechanism, puts forward the challenge of the social media to information security among countries, and puts forward some suggestions and countermeasures to regulate the management of the social media.

Bio



Xiaohui Cui, professor, Ph.D. Supervisor, School of Cyber Science and Engineering, Wuhan University. Chair Professor, University of Louisville. Director of the Food Safety Blockchain Alliance, Vice-chairman of the Association of exemplary Software Schools of the Ministry of Education, member of the Software Engineering Teaching steering Committee of the Ministry of Education, and member of the Project Evaluation Committee of the State Fund for studying abroad. Long-term engaged in big data cloud computing, ultra-large-scale intelligence data flow analysis, cluster intelligence theory, blockchain, and high-performance computing research.

Presided over the national key R & D plan, the National Nature Fund, the Ministry of Education General Assembly Joint key Fund and so on; Presided over 10 national R & D projects such as the U.S. Department of Energy Foundation.

In high-performance computing, artificial intelligence and other critical academic journals and conferences published 188 academic papers. Won 5 awards such as Department of Energy Special contribution Award, National Laboratory Outstanding event Award and so on.

June 17, 2019

Session 1A (ICIS 2019)		Room M2
Software Architecture, Software Specification Techniques		
Session Chair: Prof. Gongzhu Hu, Central Michigan University, USA		
13:00-15:00		
13:00	UAV Flight Path Planning When Considering Coverage Radius of UAV	Zhao Kang, Haifeng Ling, Qing Wang, Hongchuan Luo and Tao Zhu
13:20	Design a Hybrid Flooding Attack Defense Scheme under the Cloud Computing Environment	Shin-Jer Yang and Hsiao-Ling Huang
13:40	A Formal Modeling and Verification Framework for Service Oriented Intelligent Production Line Design	Haoxuan Yuan and Fang Li
14:00	A fast intra prediction algorithm with simplified prediction modes based on utilization rates	KehuaJiang,Jingjing Yao
14:20	A New Approach For Rating Prediction by Using Trust Computation	Rui Qin and Nianlong Luo
14:40	A TS Bitstream Parsing System for ChinaDRM	Yueyang Zhou, Weiguo Lin, Huiqin Wang, Pengfei Jiang

Session 2A (ICIS 2019)		Room M2
Computer Architecture, UML, OO Modeling & Simulation, Web Applications		
Session Chair: Dr. Zhiguo Hong, Communication University of China, China		
15:15-17:35		
15:15	Design of Constant Temperature Heating Circuit for medical hyperthermic perfusion system	Xia Long and Yuan Liu
15:35	DATA ANALYSI OF TRADITIONAL SUMMATIVE ASSESSMENT AND CONTINUOUS ASSESSMENT-ENGINEERING SCIENCE DEPARTMENTS CASE STUDY	Yanxia Sun and Zenghui Wang
15:55	Modeling and Simulation of Curtain MBR with Multiphase Flow Mixture Model	Chunqing Li, Ming Zhang, Yingxing Tao, Tao Wang and Haotao Wang
16:15	T-S fuzzy model-based depth control of underwater vehicles	Yuan Qian, Zhengping Feng, Anyuan Bi and Weiqi Liu
16:35	Automated Assessment of ER Model using the Domain Knowledge	Muhammad Javed and Yuqing Ling
16:55	Research on Trajectory Algorithm of The Arrow Based on Game Engine	WenfengHu,Taobo Gao, XiaoLong Fu
17:15	Research on the Application of Gamification Design Methods in IoP-Based System	Ke Li

Session 1B (ICIS 2019)		Room M3
Communication System & Networks, Data Mining, Data Warehousing & Database		
Session Chair: Prof. Simon Xu, Algoma University, China		
13:00-15:00		
13:00	Research on Communication Method of OPC UA Client Based on ARM	Hui Ren, Yang Liu and Huiqin Wang
13:20	Learing Neural Circuit by AC Operation and Frequency Signal Output	Masashi Kawaguchi, Naohiro Ishii and Masayoshi Umeno
13:40	Exploring Alternative Approaches to the Framing Analysis: Emotional Analysis Using Text Mining	Jinhyuck Choi, Kwangmi Ko Kim and Yanggon Kim
14:00	Hybrid Radius Particle Swarm Optimization Applications	MudarmeenMunlin
14:20	A Feature Selection Method Based on Adaptive	Hongbin Dong
14:40	Research on TSP Solution Based on Genetic Algorithm	Rui Liu,Yan Wang

Session 2B (ICIS 2019)		Room M3
Knowledge Discovery, Neural Networks and Genetic Algorithms		
Session Chair: Dr.Mingli Song, Communication University of China, China		
15:15-17:35		
15:15	An Unsupervised Feature Extraction Method based on Multi-granularity Convolution Denoising Autoencoder	Lijuan Cao, Qing Liu and Yun Yang
15:35	Semantic Annotation of Scientific Publications based on Integration of Concept Knowledge	Shwe Sin Phyo
15:55	Classification of Cell Nuclei using CNN Features	Yuji Iwahori, YuyaTsukada, Takashi Iwamoto, Kenji Funahashi, Jun Ueda and M. K. Bhuyan
16:15	A C-LSTM with Word Embedding Model for News Text Classification	Kaixiang Wang, Minyong Shi, Chunfang Li
16:35	Sentiment Analysis of Reviews Based on Deep Learning Model	Qi Wang,LeiSun,Zheng Chen
16:55	Emotion Recognition for Internet Music by Multiple Classifier	Yuanzhong wang, Shutao Sun
17:15	Entity Relationship Extraction Based on BLSTM Mode	MinyongShi,JingyiHuang,Chunfang Li

Session 1C (ICIS 2019)		Room M4
Virtual and Multimedia Computing, Internet Technology and Applications		
Session Chair: Prof. Jing Zhou, Communication University of China, China		
13:00-15:00		
13:00	An Immersive Visual Analytics Platform for Multidimensional Dataset	Bo Sun
13:20	A Visual Intelligence Evaluation Dataset Based on Virtual Scene	Yaning Tan, Xinyan Yang, Tianyi Feng, Xin Xiang and Long Ye
13:40	A Study of Visual Attention Elements with Experiment Analysis Based on Composition	YananSu, Shuang Wang and Wei Jiang
14:00	Multi-Camera Video Synchronization Based on Feature Point Matching and Refinement	Bo-Song Huang, Day-Fann Shen and Guo-Shiang Lin
14:20	MULTIMEDIA SEARCH AND TEMPORAL REASONING	Marcio Moreno, Rodrigo C. M. Santos, Wallas H. S. Dos Santos, Sandro Rama Fiorini, Reinaldo Mozart Da Gama E Silva and Renato Cerqueira
14:40	RCANE: Semi-Centralized Network of Parallel Blockchain and APoS	Toan Nguyen Van and Geunwoong Ryu

Session 2C (ICIS 2019)		Room M4
Big Data and Analytics		
Session Chair: Prof. Ju-Yeon Jo, University of Nevada Las Vegas, USA		
15:15-17:35		
15:15	Reinforcement Fuzzy Tree: A Method Abstracting Rules from Reinforcement Learning Models	Wenda Wu
15:35	A Travel Decision Support Algorithm: Landmark Activity Extraction from Japanese Travel Comments	Siya Bao, NozomuTogawa and Masao Yanagisawa
15:55	Two-Phase Approach for Stance Classification in Twitter Using Name Entity Recognition and Term Frequency Feature	Yin Min Tun and Phyu Hnin Myint
16:15	Analysis of Online Social Network After an Event #FreeWaLoneKyawSoeOo	Myat Mon Oo and May Thu Lwin
16:35	Research on Influential Factors of IP film Box Office Based on Generalized Additive Model	Zhang Wenjing,LiBo,RenJinluan
16:55	The Related Analysis of Farmers' Income in Luoyang Based on SPSS	YupingLi,Jinnuo Zhang
17:15	Performance Assessment of LTE/LTE-A Based Wireless Networks for Internet-of-Things	Jin Zhang, Wei Yu and Chao LuThanujaSandanayake

June 18, 2018

Session 3A (ICIS 2019)		Room M2
Image Processing and Pattern RecognitionI		
Session Chair: Dr. Shuang Feng, Communication University of China, China		
8:00-10:00		
8:00	Preprocessing with Contrast Enhancement Method in Bone Age Assessment	Aye Aye Aung and Zin Mar Win
8:20	Parallel Bundle Adjustment of High-Resolution Satellite Imagery	Lei Zhang and Dong-Dong Zhang
8:40	A Study of Color-emotion Image Set Construction and Feature Analysis	Shuang Wang, Wei Jiang, YananSu and Jingyu Liu
9:00	Transfer Learning in Remote Sensing Images with Generative Adversarial Networks	Bo Hu, Ping Yao, Li Fu, Xingyu Li, Ke Dong and Tianyao Zheng
9:20	A Survey of Facial Expression Recognition Based on Convolutional Neural Network	Luqin Song
9:40	Effect of Colored Content on Depth Perception of S3D Images	ZhibinSu, YananSu, Yihan Suo and Hui Ren

Session 4A (ICIS 2019)		Room M2
Image Processing and Pattern RecognitionII		
Session Chair: Prof. Weiguo Lin, Communication University of China, China		
10:15-12:15		
10:15	Differential Abnormality-Based Tampering Detection in Digital Document Images	Keyu Sun, Gang Cao, Qian Zhao and Jianglong Zhang
10:35	Fall Detection of Elderly by Action Recognition using Data Augmentation and State Transition Diagram	Ayaka Takebayashi, Yuji Iwahori, Shinji Fukui, James J. Little, Lin Meng, Aili Wang and Boonserm Kijjsirikul
10:55	Edge detection for Roof Images using Transfer Learning	Aneeqa Ahmed, Yung-Cheol Byun and DebapriyaHazra
11:15	Image Denoising Based on Dictionary Learning of Mean Corrected Atoms	Hongbin Dong, Tian Xia
11:35	Image Classification with Visual Relationship	YugangLi, Yongbin Wang
11:55	Slot based Image Captioning with WGAN	ZiyuXue,LeiWang,Peiyu Guo

Session 3B (ICIS 2019)		Room M3
Control System, Intelligent Systems, Software Verification and Testing		
Session Chair: Dr. Chi Zhang, Communication University of China, China		
8:00-10:00		
8:00	Optimal Control of Active Power Sharing Capacity of Microgrids Interconnected	Diambomba Hyacinthe Tungadio and Yanxia Sun
8:20	Analysis of Automation Systems and Virtual Reality Applications in Smart Libraries	Yang Xu, Jiahong Li, Binglu Wang, Yi Bu and Changjiang Ji
8:40	Intelligent Exhaust System of Cross-Linked Workshop	Yanting Xu and Yongjie Yang
9:00	Leader Selection Algorithm and Its Verification Environment for Supporting Fault	Jun Young Jo, YongjinSeo, Hyeon Soo Kim, Youngkeun Go and Chum-Soo Kim
9:20	Improvement on Security of SMS Verification Codes	Shushan Zhao
9:40	Self-Adaptation for Heterogeneous Client-Server Online Games	Satoru Yamagata, Hiroyuki Nakagawa, Yuichi Sei, YasuyukiTahara and Akihiko Ohsuga

Session 4B (ICIS 2019)		Room M3
Speech and Signal Processing		
Session Chair: Dr.Mingli Song, Communication University of China, China		
10:15-12:15		
10:15	Fusion of Log Mel Spectrogram and GLCM Feature in Acoustic Scene Classification	Mie Mie and Lwin Lwin
10:35	A Neural Network-based Language Model using Cell State Stacking Method in LSTM Network	Seongik Park and Yanggon Kim
10:55	Speech Emotion Recognition Based on Residual Neural Network with Different Classifiers	Zhen Li, Jun Li, Sai Ma and Hui Ren
11:15	Analysis and Modeling of Timbre Perception Features of Chinese Musical Instruments	Jingyu Liu, Xiaoyi Zhang, Wei Jiang, Zijin Li, Jiaxing Zhu and Shuang Wang
11:35	The Association Between Timbre of Musical Sound and Texture	Xiaoyi Zhang, Jingyu Liu and Wei Jiang
11:55	Design of single channel speech separation system	Wei Zhao, Yuanyuan Sun, Zhuoran Yang, Haozhen Li

Session 3C (ICIS 2019)		Room M4
Workshop_ICS2019		
Session Chair: Dr. Wenqian Shang, Communication University of China, China		
8:00-10:00		
8:00	A Comprehensive Survey on Image Aesthetic Quality Assessment	Hongtao Yang, Ping Shi, Saikhe He, Da Pan, Zefeng Ying
8:20	Time series prediction based on temporal convolutional network	Yujie Liu, Hongbin Dong, Xingmei Wang, Shuang Han
8:40	Analysis and Calculation of Line Loss Data Based on Hybrid Clustering	Zexin Wang
9:00	A crowdsourcing quality prediction model based on random forests	Hua Lan, Yun Pan
9:20	A CNN-based Approach to the Detection of SQL Injection Attacks	Ao Luo, Wei Huang
9:40	Ontology Database Construction for Medical Knowledge Base	Wang Yan, Jin Libiao, Zhang Naiqian

Session 4C (ICIS 2019)		Room M4
Workshop_ICS2019		
Session Chair: Dr. Wenqian Shang, Communication University of China, China		
10:15-11:55		
10:15	Research on the Influence Factors of Box Office During the Film's Release Based on Semi-parametric Regression Model	Shenling Hu, Bo Li, Jianping Chai, Zhuying Huang
10:35	The Research of Seat Differential Pricing in Cinema	Haoyue Yan, Bo Li, Jianping Chai, Yanbing Yang
10:55	Research on Rights Expression Model Based on China DRM	Jiekai Zhang, Weiguolin, Wenqian Shang
11:15	Node Influence Calculation of Novel Social Networks	Jiahao Cai, Xin Feng*, Han Jiang
11:35	The Public Opinion Analysis of Chinese and Foreign Remake Movies	Chunfang Li, Mengqi Liu, Ke Li

Session 5A (ICIS 2019)		Room M2
Workshop_SMTA2019		
Session Chair: Jiefeng Liu, Communication University of China, China		
13:30-15:40		
13:30	Opening	Jiefeng Liu
13:40	Keynote	Pengzhou Zhang
14:10	Avatar Social System Improve Perceptions of Disabled People's Social Ability	ZiChun Guo, XueguangJin, Rui Hao
14:30	Visualization Analysis of Social Networks of Chinese Historical Figures	Chunfang Li, TianyiZuo
14:50	Expeimental Comparative Research on Clustering Algorithm Based on Spark Platform	Bo Zhang, Xinhang Li, Yukun Yang, Yanan Ma, JunjieGeng, Lei Chen
15:10	Keynote	Weiguo Lin

Session 6A (ICIS 2019)		Room M2
Workshop_SMTA2019		
Session Chair: Jiefeng Liu, Communication University of China, China		
15:55-17:55		
15:55	4K-DRM Server Protocol Packet Capture and Analysis	Wenqian Shang, Mengyu Liu
16:15	Short Video Classification Based on Spatio-Temporal Features and SVM	Wu Dan, XieWeihua
16:35	Evaluation Method of Timbre Thickness for Speech Based on CNN	Zhongwen Tu, Baoyu Cao, lihao Wang, Kemin Wang
16:55	Research Status and the Development of Audio Downmix in Convergence Media	Yu Jia
17:15	Live Signal Recording and Segmenting Solution Based on Cloud Architecture	Zhang Xin, Wei Shiyao
17:35	Closing	Jiefeng Liu

Session 5B (ICIS 2019)		Room M3
Special Session		
Session Chair: Dr. Xuhui Chen, Xiamen University of Technology, China		
13:30-15:40		
13:30	VGA Display Driver design Based on FPG	WANG Hong-bin ZHANGZhe, CHEN Xu-hui, WANG Yuan-bin
13:50	Simulations on the DFO estimation with the framework of integrated Kalman Filtering and Multi-antenna system Differential Evolution	LI Ying, ZHANGZhe, CHEN Xu-hui
14:10	Oracle RAC performance analysis on VMware Virtual SAN	Ying Wei, Ruizhe Ye
14:30	DNS network security analysis based on Campus Environment	Ruizhe Ye, Ying Wei, WenzhiWu, FengSha
14:50	Design of Michelson experiment instrument based on embedded system	Wenzhi WU, Ying Wei, Ruizhe Ye
15:10	The Construction and Application of University Virtual Campus Card under the Background of Internet	Jing Li, Longhang Chen, CaimaoXie, Manya Li

Session 6B (ICIS 2019)		Room M3
Special Session		
Session Chair: Dr. Kailong Zhang, Northwestern Polytechnical University, China		
15:55-17:55		
15:55	Ejaz, Efficient Technique to Accelerate Neural Network Training by Freezing Hidden Layers	CHEN Xu-hui
16:15	Ejaz, Face Detection and Extraction from Low Resolution Surveillance Video Using Motion Segmentation	CHEN Xu-hui
16:35	Resource-Visualization-based Cooperative Architecture and Mechanisms within the Tactical Clouds	Kailong Zhang, Liuyang Li, BaorongXie, Chao Fei, Zhonghua Wang
16:55	Using lda2vec Topic Modeling to Identify Latent Topics in Aviation Safety Reports	Yonghui Luo
17:15	Research on a General Intelligent Information Service System for the Internet of Things	Qidi Zhao, Qiang Li, Zuyuan Tian, Bao Xu, Kailong Zhang

Session 5C (ICIS 2019)		Room M4
Workshop_ICS2019		
Session Chair: Dr. Wenqian Shang, Communication University of China, China		
13:30-15:40		
13:30	Error Feedback Sampling for CNN Training in Upper Gastrointestinal Diseases Classification	Qi Wang,Hao Feng
13:50	End-to-End Convolutional Neural Network for Speaker Recognition Based on Joint Supervision	Wanglei Shi, Shuang Feng
14:10	Analysis of Disease Data Dased on Neo4j Graph Database	Jian Zhao, Zhiguo Hong, Minyong Shi
14:30	Research on Face Alignment Method Based on Mouth Constraint	Wu Tao,YuShuiyuan
14:50	Music style classification with compared methods in XGB and BPNN	LifengTan,CongJin,XinLv,LeiyuSong,Zhiyuan Cheng
15:10	Music Classification using Multiclass Support Vector Machine and Multilevel Wasserstein Means	JinWei,CongJin,LeiyuSong,Zhiyuan Cheng

Session 6C (ICIS 2019)		Room M4
Workshop_ICS2019		
Session Chair: Dr. Wenqian Shang, Communication University of China, China		
15:55-17:35		
15:55	Visualization Analysis of Academic Social Network Based on Three Art Universities	FeifanWang, ChunfangLi, YuhanJin
16:15	Empirical Research on the Influence of Overcapacity on Economic Growth in China Based on VAR Model	Xianhong Xu
16:35	Film Box Office Prediction Based On Factor Analysis	Li Haiyan,YangZhang,Zhang Hui
16:55	Intelligent Medical Insurance Supervision System	Jiaqi Zhang, Wenqian Shang, Wenfeng Hu, Weiguo Lin
17:15	MLP and CNN-based Classification for Points of Interest in Side-Channel Attacks	Hanwen Feng, Weiguo Lin, Wenqian Shang

June 19, 2018

Session 7A (ICIS 2019)		Room M2
Applied Information, Mobile/Wireless Computing, Middleware Techniques		
Session Chair: Dr. Shuang Feng, Communication University of China, China		
8:00-10:00		
8:00	Health Assessment Method of IMA Based on Random Forest	Runchen Liang, Dong Song, Zhiyue Liu and Jie Wang
8:15	Design of Intelligent Artificial Agents: Its Application in Joint Attention Task for Children with Autism	Vishav Jyoti and UttamaLahiri
8:30	Internet News Traceability Solution Based on Blockchain	Zhang Xin,WeiShiyao
8:45	The Applications of Information Technology in Dance Education: Ziyu A Review	Jiao Chen, Chunning Wang, Shaochun Xu, Wencai Du
9:00	Fast Global Motion Estimation on Android-based Software-defined Satellite	Yijun Lin, Junxing Hu, Fengge Wu and Junsuo Zhao
9:15	A Fast Device Transfer Technique in Small-sized Cultural Complex: An Overview	Xiaochen Shen and Hui Ren
9:30	Mis.Config: Finding Misreferred Configuration Bugs In Web Application Using Thin Slicing	Minami Yoda, Yuichi Sei, Yasuyuki Tahara and Akihiko Ohsuga

Session 8A (ICIS 2019)		Room M2
Parallel and Distributed Computing & Systems, High Performance and Small Computing, Web Engineering& Applications		
Session Chair: Prof. Jing Zhou, Communication University of China, China		
10:15-12:00		
10:15	MapReduce Scheduler to Minimize the Size of Intermediate Data in Shuffle Phase	RathinarajaJeyaraj, Ananthanarayana V S and Anand Paul
10:30	SWRL Parallel Reasoning Method with Spark SQL	Wan Li
10:45	Docker-based Web Server Instructional System	Ligu Zhu, SupingWang,Mengke Cheng
11:00	Design of Repositories of GitHub Recommendation System Based on Ternary Closure and HITS Algorithm	Han Xia, Chunfang Li
11:15	Feature Representation and Feature Matching for Heterogeneous Defect Prediction	Thae Hsu Hsu Mon and Hnin Min Oo
11:30	Design of Michelson experiment instrument based on embedded system	Wenzhi Wu, Feng Sha and Ruizhe Ye
11:45	Half-Draining Round Robin Matching for High Performance Input Queued Switches	Shutao Sun

Future Conference Information

2019 Conferences

IEEE/ACIS SNPD 2019

20th IEEE/ACIS International Conference on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing
July 8-11, 2019, Toyama, Japan

2020 Conferences

IEEE/ACIS ICIS 2020

19th IEEE/ACIS International Conference on Computer and Information Science
TBA, Shanghai, China

IEEE/ACIS SNPD 2020

21th IEEE/ACIS International Conference on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing
July 1-3, Melbourne, Australia

IEEE/ACIS SERA 2020

19th IEEE/ACIS International Conference on Software Engineering Research, Management and Applications
TBA, Kitakyushu, Japan

ACM/ACIS ACIT 2020

8th International Conference on Applied Computing and Information Technology
TBA, Kitakyushu, Japan

ACIS CSII 2020

7th International Conference on Computational Science/ Intelligence and Applied Informatics
TBA, Macao

IEEE/ACIS BCD 2020

5th International Conference on Big Data, Cloud Computing, Data Science & Engineering
TBA, Macao

ACIS AI 2020

1st International Conference of Artificial Intelligence
TBA, Macao

ACIS Journal Information

International Journal of Networked and Distributed Computing (IJNDC)

IJNDC is a world-class international journal. IJNDC Journal has been indexed in ESCI and Scopus and will ultimately be indexed in SCI **approximately** within one year.

<http://www.atlantis-press.com/publications/ijn/dc/>

International Journal of Software Innovation (IJSI)

IJSI is a world-class international journal. IJNDC Journal has been indexed in ESCI and Scopus and will ultimately be indexed in SCI **approximately** within one year.

<http://www.igi-global.com/ijsi>

International Journal of Big Data Intelligence and Applications (IJBDA)

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