

DSIT 2023 Speakers



Keynote Speaker I

Chair Prof. Chin-Chen Chang, Feng Chia University, Taiwan

(IEEE Fellow and CS Fellow, IET Fellow, AAIA Fellow)

Professor Chang has worked on many different topics in information security, cryptography, multimedia image processing and published several hundreds of papers in international conferences and journals and over 30 books. He was cited over 38,600 times and has an h-factor of 91 according to Google Scholar. Several well-known concepts and algorithms were adopted in textbooks. He also worked with the National Science Council, Ministry of Technology, Ministry of Education, Ministry of Transportation, Ministry of Economic Affairs and other Government agencies on more than 100 projects and holds 17 patents, including one in US and two in China. He served as Honorary Professor, Consulting Professor, Distinguished Professor, Guest Professor at over 50 academic institutions and received Distinguished Alumni Award's from his Alma Mater's. He also served as Editor or Chair of several international journals and conferences and had given almost a thousand invited talks at institutions including Chinese Academy of Sciences, Academia Sinica, Tokyo University, Kyoto University, National University of Singapore, Nanyang Technological University, The University of Hong Kong, National Taiwan University and Peking University. Professor Chang has mentored 63 PhD students and 195 master students, most of whom hold academic positions at major national or international universities. He has been the Editor-in-Chief of Information Education, a magazine that aims at providing educational materials for middle-school teachers in computer science. He is a leader in the field of information security of Taiwan. He founded the Chinese Cryptography and Information Security Association, accelerating information security the application and

development and consulting on the government policy. He is also the recipient of several awards, including the Top Citation Award from Pattern Recognition Letters, Outstanding Scholar Award from Journal of Systems and Software, and Ten Outstanding Young Men Award of Taiwan. He was elected as a Fellow of IEEE and IET in 1998, a Fellow of CS in 2020, and an AAIA Fellow in 2021 for his contribution in the area of information security.



Keynote Speaker II

Prof. Qing Li, The Hong Kong Polytechnic University, Hong Kong (IEEE Fellow)

Qing Li is currently a Chair Professor (Data Science) and the Head of the Department of Computing, the Hong Kong Polytechnic University. Formerly, he was the founding Director of the Multimedia software Engineering Research Centre (MERC), and a Professor at City University of Hong Kong where he worked in the Department of Computer Science from 1998 to 2018. Prior to these, he has also taught at the Hong Kong University of Science and Technology and the Australian National University (Canberra, Australia). Prof. Li served as a consultant to Microsoft Research Asia (Beijing, China), Motorola Global Computing and Telecommunications Division (Tianjin Regional Operations Center), and the Division of Information Technology, Commonwealth Scientific and Industrial Research Organization (CSIRO) in Australia. He has been an Adjunct Professor of the University of Science and Technology of China (USTC) and the Wuhan University, and a Guest Professor of the Hunan University (Changsha, China) where he got his BEng. degree from the Department of Computer Science in 1982. He is also a Guest Professor (Software Technology) of the Zhejiang University (Hangzhou, China) -- the leading university of the Zhejiang province where he was born.

Prof. Li has been actively involved in the research community by serving as an associate editor and reviewer for technical journals, and as an organizer/co-organizer of numerous international conferences. Some recent conferences in which he is playing or has played major roles include APWeb-WAIM'18, ICDM 2018, WISE2017, ICDSC2016, DASFAA2015, U-Media2014, ER2013, RecSys2013, NDBC2012, ICMR2012, CoopIS2011, WAIM2010, DASFAA2010, APWeb-WAIM'09, ER'08, WISE'07, ICWL'06, HSI'05, WAIM'04, IDEAS'03, VLDB'02, PAKDD'01, IFIP 2.6 Working

Conference on Database Semantics (DS-9), IDS'00, and WISE'00. In addition, he served as a programme committee member for over fifty international conferences (including VLDB, ICDE, WWW, DASFAA, ER, CIKM, CAISE, CoopIS, and FODO). He is currently a Fellow of IEEE and IET/IEE, a member of ACM-SIGMOD and IEEE Technical Committee on Data Engineering. He is the chairperson of the Hong Kong Web Society, and also served/is serving as an executive committee (EXCO) member of IEEE-Hong Kong Computer Chapter and ACM Hong Kong Chapter. In addition, he serves as a councilor of the Database Society of Chinese Computer Federation (CCF), a member of the Big Data Expert Committee of CCF, and is a Steering Committee member of DASFAA, ER, ICWL, UMEDIA, and WISE Society.



Keynote Speaker III

Prof. Tok Wang Ling, National University of Singapore, Singapore (ACM Distinguished Scientist, IEEE Senior Life Member)

Dr. Tok Wang Ling is a professor in Computer Science Department at the National University of Singapore. He was Head of IT Division, Deputy Head and acting head of the Department of Information Systems and Computer Science, and Vice Dean of the School of Computing of the University. Before joining the University as a lecturer in 1979, he was a scientific staff at Bell Northern Research, Ottawa, Canada. He serves/served on the program committee of more than 160 international database conferences including VLDB, CIKM, EDBT, ER, DASFAA, DOOD, DEXA, CoopIS, DOLAP, DaWaK, ADC, BigComp, etc. He organized and served as a program committee co-chair of 6 international database conferences, namely DASFAA 1995, DOOD 1995, ER 1998, WISE 2002, ER 2003, and ER 2011. He organized and served as a conference co-chair of several conferences and workshops, namely HSI 2001, 2003, and 2005, WAIM 2004, ER 2004, DASFAA 2005, DASFAA 2006 (Honorary Chair), SIGMOD 2007, VLDB 2010, DASFAA 2014 (Honorary Chair), BigComp 2015. He serves/served on the steering committees of 5 international conferences, namely ER, DASFAA, DOOD, HSI, and BigComp. He was the steering committee chair of both ER and DASFAA. He is currently the steering committee chair of BigComp. He is an editorial board member of the several international journals, namely Data & Knowledge Engineering, Journal of

Database Management, Journal of Data Semantics, Journal of Information and Data Management, Journal of Computing Science and Engineering (International Advisory Board member). He is an ER Fellow, an ACM Distinguished Scientist, IEEE Senior Life Member, and Fellow of Singapore Computer Society. He received the ACM Recognition of Service Award in 2007, the DASFAA Outstanding Contributions Award in 2010, and the Peter P. Chen Award in 2011.



Keynote Speaker IV

Distinguished Prof. Wanyang Dai, Nanjing University, China

Wanyang Dai is a Distinguished Professor in Mathematics Department of Nanjing University, Chief Scientist at Su Xia Control Technology, President and CEO of U.S. based (blockchain and quantum computing) SIR Forum (Industrial 6.0 Forum), a Special Guest Expert in Jiangsu FinTech Research Center, President of Jiangsu Probability & Statistics Society, Chairman of Jiangsu Big Data-Blockchain and Smart Information Special Committee, Chief Scientist at Depths Digital Economy Research Institute, and Editor-in-Chief of Journal of Advances in Applied Mathematics, where his research includes stochastic processes related optimization and optimal control, admission/scheduling/routing protocols and performance analysis/optimization for various projects in BigData-Blockchain oriented quantum-cloud computing and the next generation of wireless and wireline communication systems, forward/backward stochastic (ordinary/partial) differential equations and their applications to queueing systems, stochastic differential games, communication networks, Internet of Things, financial engineering, energy and power engineering, etc. His "influential" achievements are published in "big name" journals including Operations Research, Computers & Mathematics with Applications, Communications in Mathematical Sciences, Journal of Computational and Applied Mathematics, Queueing Systems, Mathematical and Computer Modeling of Dynamical Systems, etc. His researches are awarded as outstanding papers by various academic societies, e.g., IEEE Top Conference Series, etc.. He received his Ph.D degree in applied mathematics jointly with industrial engineering and systems

engineering from Georgia Institute of Technology, Atlanta, GA, U.S.A., in 1996, where he worked on stochastics and applied probability concerning network performance modeling and analysis, algorithm design and implementation via stochastic diffusion approximation. The breakthrough results and methodologies developed in his thesis were cited, used, and claimed as “contemporaneous and independent” achievements by some other subsequent breakthrough papers that were presented as “45 minute invited talk in probability and statistics” in International Congress of Mathematicians (ICM) 1998, which is the most privilege honor in the mathematical society. The designed finite element-Galerkin algorithm to compute the stationary distributions of reflecting Brownian motions (weak solutions of general dimensional partial differential equations) is also well-known to the related fields.



Keynote Speaker V

Prof. Jie Yang, Shanghai Jiao Tong University, China

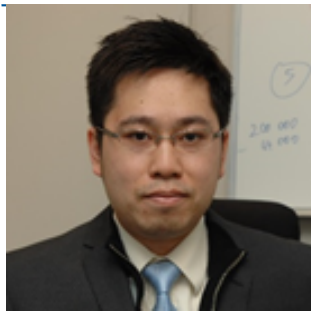
Jie Yang received a bachelor's degree in Automatic Control in Shanghai Jiao Tong University, where a master's degree in Pattern Recognition & Intelligent System was achieved three years later. In 1994, he received Ph.D. at Department of Computer Science, University of Hamburg, Germany. Now he is the Professor and Director of Institute of Image Processing and Pattern recognition in Shanghai Jiao Tong University. He is the principal investigator of more than 30 national and ministry scientific research projects in image processing, pattern recognition, data mining, and artificial intelligence. He has published six books, more than five hundreds of articles in national or international academic journals and conferences. Up to now, he has supervised 5 postdoctoral, 36 doctors and 66 masters, awarded eight research achievement prizes from ministry of Education, China and Shanghai municipality. Two Ph.D. dissertation he supervised was evaluated as “National Best Ph.D. Dissertation” in 2009, in 2017, in 2019. He has owned 48 patents.



Keynote Speaker VI

Prof. Shigeo Akashi, Tokyo University of Science, Japan

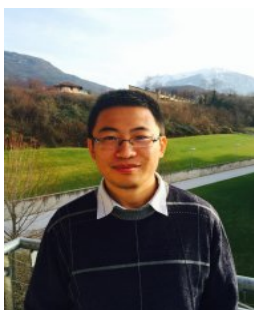
Shigeo Akashi was certified as a Ph.D. holder by Tokyo Institute of Technology in 1987 and he is now a professor at Tokyo University of Science. He was the chair professor at the Department of Information Sciences at this university from 2015 through 2016. As for the academic and educational activities, he has been a member of the Experts Committee leading scientific education for Japanese senior high schools, which is authorized by Ministry of Education, Culture, Sports, Science and Technology of Japanese Government since 2016. He is interested in the interdisciplinary research area ranging from applied mathematics and information sciences. As for the aspect of applied mathematics, he was an invited speaker in Asian Mathematical Conference which was held at Busan City in Korea in 2013, and moreover, he was a member of Scientific Committee for Asian Conference on Nonlinear Analysis and Optimization which was approved as a satellite international conference of International Congress of Mathematicians 2014. As for the aspect of information science, he has been certified as Distinguished Cisco Certified Active Instructor by Cisco Networking Academy, which is administrated by Cisco Systems, since 2012, and moreover, he was awarded 2018 APSCIT Fellowship by Asia Pacific Society for Computing and Information Technology. His joint research work with RKC Instruments Co. Ltd., which is the largest company in all Japanese companies producing temperature-measuring instruments, named as "An algorithm for discriminating the inside of a closed curve from the outside" has been approved with Patent ID. 4760768 by Japan Patent Office attached to the Ministry of Economy, Trade and Industry of Japanese Government in 2011.



Keynote Speaker VII

Assoc. Prof. WONG Ka Chun, City University of Hong Kong, Hong Kong

Ka-Chun Wong received the B.Eng. and M.Phil. degrees in computer engineering from United College, Chinese University of Hong Kong, Hong Kong, in 2008 and 2010, respectively, and the Ph.D. degree from the School of Computer Science, University of Toronto, Mississauga, ON, Canada, in 2014. He assumed his duty as an Assistant Professor with the City University of Hong Kong, Hong Kong, in 2015. His research interests include bioinformatics, evolutionary computing, data mining, machine learning, and interdisciplinary research. Dr. Wong was named as an Associate Editor of BioData Mining in 2016. He has been the editorial board of Applied Soft Computing since 2016. It is worth noting that he has solely edited two books published by Springer and CRC Press, attracting 30 peer-reviewed books chapters around the world.



Invited Speaker I

Dr. Yan Yan, Illinois Institute of Technology, USA

Dr. Yan Yan is currently a Gladwin Development Chair Assistant Professor in the Department of Computer Science at Illinois Institute of Technology. He was an assistant professor at the Texas State University, a research fellow at the University of Michigan and the University of Trento. He received his Ph.D. in Computer Science at the University of Trento and M.S. at the Georgia Institute of Technology and Shanghai Jiao Tong University. He was a visiting scholar at the Carnegie Mellon University and the Advanced Digital Sciences Center (ADSC), UIUC, Singapore. He has published 100+ research papers in the fields of computer vision, machine learning and multimedia. He received IBM Best Student Paper Award in ICPR 2014, Best Paper Award in ACM Multimedia 2015 and Best Paper Finalist in ACM Multimedia 2018. He has been served as Area

Chairs and PC members for several major conferences and reviewers for referred journals in computer vision and multimedia. He also served as associate editors in Neurocomputing, Computer Vision and Image Understanding (CVIU), Image and Vision Computing (IVC), and guest editors in IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI), Computer Vision and Image Understanding (CVIU) and ACM Transactions on Multimedia Computing, Communications, and Applications (TOMM).

Copyright © 2023 6th International Conference on Data Science and Information Technology (DSIT 2023)