

ICCSIE2023

8th International Conference on Cyber Security

and Information Engineering

第八届网络安全与信息工程国际会议

会议日程

Conference Program



马来西亚 / 腾讯线上会议

Malaysia / VooV Meeting

2023 年 9 月 22-24 日 | September 22-24, 2023

大会简介

第八届网络安全与信息工程国际会议

8th International Conference on Cyber Security and Information Engineering

为加强国内高等院校、科研机构与国际计算机业界的交流合作，提高国内计算机科学与信息技术的科研、教育 and 应用水平，由北京工业大学主办的第八届网络安全与信息工程国际会议(ICCSIE2023)定于2023年09月22-24日线上召开。

本届大会将邀请国内外高校、研究机构、政府部门及企事业单位的相关专家、学者莅临参会，并通过特邀报告、专题讲座的形式就网络安全、信息工程等相关领域的最新学术进展和热点问题进行深入探讨。

大会将围绕会议主题进行论文征集，录用论文将由 ACM 出版，发表后送交 EI Compendex, SCOPUS 等数据库收录。同时，遴选的优秀论文将推荐至 SCI&EI 收录的国际期刊发表。。

ICCSIE2023 诚邀广大学者齐聚线上，参会交流!

8th International Conference on Cyber Security and Information Engineering

Welcome to the 8th International Conference on Cyber Security and Information Engineering (ICCSIE2023), which will be held in Putrajaya, Malaysia (online mode) during September 22-24, 2023.

The conference has been successfully held for seven times in Ningbo (2015), Sanya (2017), Xi'an (2018), Beijing (2019), Online (2020), Online (2021) and Online (2022). It has attracted hundreds of participants and become a platform for researchers from various application areas to discuss problems and solutions in the area, to identify new issues, and to shape future directions for research. This conference provides opportunities for the delegates to exchange new ideas and application experiences face to face, to establish business or research relations and to find global partners for future collaboration.

ICCSIE2023 looks forward to meeting with the attendees online and participating in academic exchanges.

8th International Conference on Cyber Security and Information Engineering

主办单位:

北京工业大学

承办单位:

国际应用科学与技术协会 (IAAST)

大会主席:



何涇沙教授，北京工业大学

何涇沙教授曾就读美国马里兰大学(University of Maryland, College Park)，获得计算机专业硕士和博士学位。博士毕业后先后任职于美国 IBM 公司、富士通研究院等多家跨国机构，获得美国发明专利 12 项，发表论文 10 余篇。2003 年通过北京市高层次人才项目“北京市特聘教授”引进到北京工业大学任教授、博士生导师至今，在学术期刊和主要国际会议上发表论文 300 余篇，获得中国专利 90 项，获得软件著作权 53 项，撰写或合着软件工程与信息安全领域专著 9 部。主持完成了 40 多项研究项目，包括国家自然科学基金、北京市自然科学基金、科技部、北京市科委等项目。



张煜东教授，英国莱斯特大学

张煜东教授目前任职于英国莱斯特大学，他的研究兴趣包括深度学习和医学图像分析。他是 IET 院士、EAI 院士和 BCS 院士，也是 IEEE、IES 和 ACM 的资深会员，并获得 ACM 的杰出报告嘉宾。他也曾是 Clarivate 2019 年和 2021 年高被引研究员的获得者。目前他已发表学术论文 500 余篇，其中包括 50 多篇“ESI 高被引论文”和 5 篇“ESI 热点论文”。他在谷歌学术中的引用指数高达 21670 次。他主持了许多成功的项目，并获得了 NIH、皇家学会、GCRF、EPSRC、MRC、Hope、英国文化委员会和 NSFC 的学术资助。他应邀在国际会议、大学和公司发表了 120 多次演讲。他曾担任 60 多个国际会议和研讨会的(共同)主席。他的研究成果被 50 多家新闻媒体报道，如路透社、英国广播公司、电讯报、物理世界、今日英国新闻等。目前已成功完成多项工业项目并获得国家自然科学基金会，美国国立卫生研究院，皇家学会，EPSRC，MRC 和英国文化协会等多项学术资助。

共同主席：

Chien-Ming Chen, 山东科技大学，中国

Jerry Chun-Wei Lin, 西挪威应用科技大学，挪威

Ji Zhang, 南昆士兰大学，澳大利亚

技术程序委员会主席：

Zhihan Lv, 乌普萨拉大学，瑞典

技术程序委员会：

Ljiljana Trajkovic, Simon Fraser University, Canada

Javier Gozalvez, Universidad Miguel Hernandez de Elche, Spain

Hamid Reza Karimi, Politecnico di Milano, Italy

Enaul Haq Shaik, Pondicherry University, India

Danilo Avola, Sapienza University of Rome, Italy

Wei-Chang Yeh, National Tsing Hua University, Taiwan, China

Haibin Zhu, Nipissing University, Canada

Anand Nayyar, Duy Tan University, Vietnam

Xiangjie Kong, Zhejiang University of Technology, China

Liyana Shuib, Universiti Malaya, Malaysia

George K. Adam, University of Thessaly, Greece

Biplob Ray, Central Queensland University, Australia

Sizhe An, University of Wisconsin, USA

Jehad M. Hamamreh, Wislabi.com, Antalya Bilim University, Turkey

Yongqing Zhu, Singapore University of Social Sciences, Singapore

Muna Al-Hawawre, Deakin University, Australia

Zaib Ullah, Università Telematica Giustino Fortunato, Italy

Vinayak Ashok Bharadi, Thakur College of Engineering and Technology, India

Rao Li, University of South Carolina Aiken, USA

Haider TH. Salim ALRikabi, Wasit University, Iraq

Arman Goudarzi, University of Victoria, Canada

Jayaprakash Kar, The LNM Institute of Information Technology, India

Sohail Ahmad Parah, University of Kashmir, India

Gianluca Lax, University Mediterranea of Reggio Calabria, Italy

Muath Obaidat, City University of New York, USA

Khayyam Salehi, Shahrekord University, Iran

Aleksandra Mileva, Goce Delcev University, Republic of North Macedonia

Wei-Yang Chiu, Technical University of Denmark, Denmark

Dake Chen, University of Southern California, USA

Daehee Seo, Sangmyung University, South Korea

Suyel Namasudra, National Institute of Technology Patna, India

Jing Zhang, Emory University, USA

Mehdi Gheisari, Islamic Azad University, Iran

Akram A. Almohammed, Karabük University, Turkey

Tao Zhang, University of Florida, USA

Jerzy Konorski, Gdańsk University of Technology, Poland

General Chairs



Jingsha He, Professor, Beijing University of Technology, China

Jingsha He received his Bachelor's degree in computer science from Xi'an Jiaotong University in China in July 1982 and his Master's and Ph.D. degrees in computer engineering from the University of Maryland at College Park in U.S. in December 1984 and December 1990, respectively. Prof. He has been with the Faculty of Information Technology of Beijing University of Technology (BJUT) in Beijing, China since August 2003, starting therein as a distinguished professor of the Beijing municipality during the first three years. Prior to joining BJUT in August 2003, Prof. He had worked for several multi-national companies in the U.S., including IBM Corp. (as a senior computer scientist), MCI Communications Corp. (as a senior engineer) and Fujitsu Laboratories of America, Inc. (as a senior member of research staff), and published more than 10 papers and received 12 U.S. patents. Since joining BJUT in August 2003, Prof. He has published over 300 papers in scholarly journals and major international conferences, received 90 Chinese patents and 53 software copyrights and authored or co-authored 9 books in software engineering and information security. Prof. He has been the principal investigator of more than 40 research projects, including grants from National Natural Science Foundation of China, Beijing Natural Science Foundation, Ministry of Science and Technology and Beijing Municipal Science & Technology Commission. Prof. He's research interests include information security, wireless networks, blockchain technology and digital forensics.



Yu-Dong Zhang, University of Leicester, UK

Prof. Yudong Zhang serves as a professor at the School of Computing and Mathematical Sciences, University of Leicester, UK. His research interests include deep learning and medical image analysis. He is the Fellow of IET, Fellow of EAI, and Fellow of BCS. He is the Senior Member of IEEE, IES, and ACM. He is the Distinguished Speaker of ACM. He was the 2019&2021 recipient of Highly Cited Researcher by Clarivate. He has (co)authored over 400 peer-reviewed articles in the journals JAMA Psychiatry, Inf Fus, IEEE TFS, IEEE TII, IEEE TIP, IEEE TMI, IEEE IoTJ, Neural Networks, IEEE TITS, Pattern Recognition, IEEE TGRS, IEEE JBHI, IEEE TCSVT, IEEE TETCI, IEEE TCSS, IEEE JSTARS, IEEE TNSRE, IEEE SJ, ACM TKDD, ACM TOMM, IEEE/ACM TCBB, IEEE TCAS-II, IEEE JTEHM, ACM TMIS, etc. There are more than 50 ESI Highly Cited Papers and 5 ESI Hot Papers in his(co)authored publications. His citation reached 21670 in Google Scholar (h-index 82). He has conducted many successful industrial projects and academic grants from NIH, Royal Society, GCRF, EPSRC, MRC, Hope, British Council, and NSFC. He has given over 120 invited talks at international conferences, universities, and companies. He has served as (Co-) Chair for more than 60 international conferences and workshops. His research outputs have been reported by more than 50 news press, such as Reuters, BBC, Telegraph, Physics World, UK Today News, etc.

Co-chairs

Ji Zhang, Professor, IEEE Senior Member, Australia University of Southern Queensland, Australia

Jerry Chun-Wei Lin, Professor, IEEE Senior Member, Western Norway University of Applied Sciences, Norway

Chien-Ming Chen, Associate Professor, Shandong University of Science and Technology, China

Technical Program Committee Chair

Zhihan Lv, Uppsala University, Sweden

Technical Program Committee

Ljiljana Trajkovic, Simon Fraser University, Canada
Javier Gozalvez, Universidad Miguel Hernandez de Elche, Spain
Hamid Reza Karimi, Politecnico di Milano, Italy
Enaul Haq Shaik, Pondicherry University, India
Danilo Avola, Sapienza University of Rome, Italy
Wei-Chang Yeh, National Tsing Hua University, Taiwan, China
Haibin Zhu, Nipissing University, Canada
Anand Nayyar, Duy Tan University, Vietnam
Xiangjie Kong, Zhejiang University of Technology, China
Liyana Shuib, Universiti Malaya, Malaysia
George K. Adam, University of Thessaly, Greece
Biplob Ray, Central Queensland University, Australia
Sizhe An, University of Wisconsin, USA
Jehad M. Hamamreh, Wislabi.com, Antalya Bilim University, Turkey
Yongqing Zhu, Singapore University of Social Sciences, Singapore
Muna Al-Hawawre, Deakin University, Australia
Zaib Ullah, Università Telematica Giustino Fortunato, Italy
Vinayak Ashok Bharadi, Thakur College of Engineering and Technology, India
Rao Li, University of South Carolina Aiken, USA
Haider TH. Salim ALRikabi, Wasit University, Iraq
Arman Goudarzi, University of Victoria, Canada
Jayaprakash Kar, The LNM Institute of Information Technology, India
Sohail Ahmad Parah, University of Kashmir, India
Gianluca Lax, University Mediterranea of Reggio Calabria, Italy
Muath Obaidat, City University of New York, USA
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Tao Zhang, University of Florida, USA

Jerzy Konorski, Gdańsk University of Technology, Poland

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International Association of Applied Science and Technology (IAAST)

日期	时间	事项
会议时间 2023 年 9 月 22 日，线上会议使用腾讯会议 腾讯会议入会链接: https://meeting.tencent.com/dm/30BZGvodTept 腾讯会议室 ID: 879-510-361		
2023 年 9 月 22 日 (星期五)	9:00-9:10	开幕式致辞 线上合照
	9:10-9:35	特邀报告 1: 张煜东, 英国莱斯特大学教授 报告题目: Information Engineering for Medical Image Analysis
	9:35-10:00	特邀报告 2: Ljiljana Trajkovic, 加拿大西蒙弗雷泽大学教授 报告题目: Machine Learning for Detecting Internet Traffic Anomalies
	10:00-10:25	特邀报告 3: Haibin Zhu, 加拿大尼皮辛大学教授 报告题目: Group Role Assignment with Constraints (GRA+): A New Category of Assignment Problems
	10:25-10:50	特邀报告 4: Liyana Shuib, 马来西亚马来亚大学副教授 报告题目: Ethics in Information Engineering: Navigating the Moral Landscape
	10:50-11:15	特邀报告 5: Anand Nayyar, 越南维新大学副教授 报告题目: A New Era of Immersive Computing: Extended Reality
	11:15-11:40	特邀报告 6: Michael Zyda, 美国南加利福尼亚大学教授 报告题目: 待定
	11:40-12:00	口头汇报
	14:00-14:25	特邀报告 7: 孔祥杰, 中国浙江工业大学教授 报告题目: Mobile Trajectory Generation and Anomaly Analytics: A Knowledge and Data Driven Perspective
	14:25-14:50	特邀报告 8: Hamid Reza Karimi, 意大利米兰理工大学教授 报告题目: 待定
	14:50-15:15	特邀报告 9: Danilo Avola, 意大利罗马大学副教授 报告题目: 待定
	15:15-15:40	特邀报告 10: Wei-Chang Yeh, 台湾国立清华大学教授 报告题目: 待定
	15:40-18:00	口头汇报
	18:00	闭幕式

Date	Time	Item
Online Conference Date: September 22, 2023 (GMT/UTC+8) Online Conference will use VooV Meeting (https://voovmeeting.com/) Online Conference Link: https://meeting.tencent.com/dm/30BZGvodTept Online Conference ID: 879-510-361		
September 22, 2023 (Friday)	9:00-9:10	Welcome speech Online Group Photo
	9:10-9:35	Keynote speech 1 Yu-Dong Zhang, Professor, University of Leicester, UK Speech Title: Information Engineering for Medical Image Analysis
	9:35-10:00	Keynote speech 2 Ljiljana Trajkovic, Professor, Simon Fraser University, Canada Speech Title: Machine Learning for Detecting Internet Traffic Anomalies
	10:00-10:25	Keynote speech 3 Haibin Zhu, Professor, Nipissing University, Canada Speech Title: Group Role Assignment with Constraints (GRA+): A New Category of Assignment Problems
	10:25-10:50	Keynote speech 4 Liyana Shuib, Associate Professor, University of Malaya, Malaysia Speech Title: Ethics in Information Engineering: Navigating the Moral Landscape
	10:50-11:15	Keynote speech 5 Anand Nayyar, Professor, Duy Tan University, Vietnam Speech Title: A New Era of Immersive Computing: Extended Reality
	11:15-11:40	Keynote speech 6 Michael Zyda, Professor, University of Southern California, USA Speech Title: To be determined
	11:40-12:00	Oral Presentation
	12:00-14:00	Break
	14:00-14:25	Keynote speech 7 Xiangjie Kong, Professor, Zhejiang University of Technology, China Speech Title: Mobile Trajectory Generation and Anomaly Analytics: A Knowledge and Data Driven Perspective

14:25-14:50	<p>Keynote speech 8</p> <p>Hamid Reza Karimi, Professor, Politecnico di Milano, Italy</p> <p>Speech Title: To be determined</p>
14:50-15:15	<p>Keynote speech 9</p> <p>Danilo Avola, Associate Professor, Sapienza University of Rome, Italy</p> <p>Speech Title: To be determined</p>
15:15-15:40	<p>Keynote speech 10</p> <p>Wei-Chang Yeh, Professor, National Tsing Hua University</p> <p>Speech Title: To be determined</p>
15:40-18:00	<p>Oral Presentation</p>
18:00	<p>Closing</p>