

2025 西部信息工程与技术学术论坛 暨第十届网络安全与信息工程国际会议

2025 Academic Forum on Information Engineering and Technology
& 10th International Conference on Cyber Security and Information Engineering
(AFIET 2025 & ICCSIE 2025)

会议日程 Conference Program



中国西宁 | Xining, China

2025 年 7 月 23-25 日 | July 23-25, 2025

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大会简介

2025 西部信息工程与技术学术论坛
暨第十届网络安全与信息工程国际会议

2025 Academic Forum on Information Engineering and Technology & 10th International Conference on Cyber Security and Information Engineering (AFIET 2025 & ICCSIE 2025)

2025 西部信息工程与技术学术论坛暨第十届网络安全与信息工程国际会议（AFIET 2025 & ICCSIE 2025）将于 2025 年 7 月 23 日-25 日在西宁召开。本届会议由北京工业大学、青海理工学院主办，青海理工学院计算机与信息科学学院、国际应用科学与技术协会（IAAST）承办，浙江工业大学、微研学术协办。

会议以“网络安全与信息工程”为主题，旨在为全球从事相关领域的专家、学者及技术人员提供一个交流最新研究成果的平台，提升计算机科学与信息技术的科研、教育 and 应用水平。

西宁雄踞青藏高原东北门户，坐落在湟水谷地之中，群山环抱，平均海拔 2261 米，是著名的高原古城。这里天高云阔，气候凉爽宜人，享有“中国夏都”的美誉。城市周边雪山巍峨，峡谷深切，丹霞地貌壮丽，呈现出与东部海滨迥异的雄浑与苍茫。

诚邀广大学者齐聚西宁，参会交流！

Introduction

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2025 Academic Forum on Information Engineering and Technology & 10th International Conference on Cyber Security and Information Engineering (AFIET 2025 & ICCSIE 2025) will be held in Xining, China during July 23-25, 2025.

The conference will be hosted by Beijing University of Technology, Qinghai Institute of Technology; organized by School of Computer and Information Science of Qinghai Institute of Technology, International Association of Applied Science and Technology (IAAST); in association with Zhejiang University of Technology, WeResearch.

The conference aims to provide opportunities for the delegates to exchange new ideas and application experiences, to establish business or research relations and to find global partners for future collaboration.

Xining is located at the northeastern gateway of the Qinghai-Tibet Plateau, in the Huangshui Valley, surrounded by mountains, with an average altitude of 2,261 meters. It is a renowned ancient city situated on a plateau. The city is located at an altitude of 1,000 meters, with a cool and pleasant climate that is ideal for outdoor activities. It is often referred to as "China's Summer Capital" due to its favorable weather conditions during the summer months. The city is surrounded by towering snow-capped mountains, deep canyons, and magnificent Danxia landforms, presenting a majestic and vast scene that is very different from the eastern coast.

We look forward to meeting all the attendees in Xining!

组织机构

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主办单位：

北京工业大学

青海理工学院

承办单位：

青海理工学院计算机与信息科学学院

国际应用科学与技术协会（IAAST）

协办单位：

浙江工业大学

微研学术

大会主席：



何泾沙，北京工业大学教授、博士生导师，北京市特聘教授、湖北“楚天学者计划”主讲教授、新疆“天山学者计划”讲座教授。本科就读西安交通大学，1982年毕业，获得计算机专业工学学士学位，毕业后留学美国，就读马里兰大学(University of Maryland, College Park)分别于1984年和1990年获得该校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 Corp.（资深计算机科学家）、MCI Communication Corp.（高级工程师）、GRIC Communications, Inc.（首席工程师）和 Fujitsu Laboratories of America, Inc.（高级研究员），获得美国发明专利12项，发表论文10余篇。2003年作为“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，2003.10-2011.1期间担任该校软件学院副院长（主持工作）。研究方向：网络空间安全、隐私保护、区块链技术、大数据与云计算安全、数字取证。



张煜东教授，2004年和2007年分别获得南京航空航天大学信息科学学士和通信与信息工程硕士学位，2010年获得东南大学信号与信息处理博士学位。2010年至2012年在美国哥伦比亚大学做博士后，2012年至2013年在美国心理卫生研究基金会做助理研究员，2013年至2017年在南京师范大学任教授，后担任英国莱斯特大学信息学院教授，研究方向为深度学习和医学图像分析。他是英国工程技术学会（IET）

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会士（FIET），IEEE、IES、ACM 高级会员。2014 年至 2018 年连续入选爱思唯尔“中国高被引学者（计算机科学）”，2019 年 Web of Science 高被引学者。

联席主席：



谢永，博士，教授、博士生导师，省级教学名师，入选青海省高端创新人才“千人计划”，现为青海理工学院计算机与信息科学学院院长。中国高校密码数学挑战赛竞赛专家委员会委员，全国大学生信息安全竞赛的评审专家，国家自然科学基金项目评审专家，计算机学会高级会员，青海省计算机学会常务理事，中国计算机学会会员代表，计算机学会区块链专委会委员，计算机学会网络与数据通信专委会委员，中

国密码学会和 IEEE 会员。担任 TIFS、TDSC、IoT、TCE、Information Sciences、SCN 及《计算机学报》《网络与信息安全学报》《通信学报》等期刊评审专家，《电子通信与计算机科学》等期刊编委。主要从事网络与信息安全、人工智能应用与安全、产业数字化等方面的研究，主持或参与国家科技支撑计划项目、国家自然科学基金项目省部级项目等 20 余项。在 NDSS、ISSTA、TNSE 以及计算机学报等会议或期刊上发表学术论文 50 余篇。授权国家发明专利与软件著作权 20 余项。荣获青海省科技进步奖 1 项。指导学生参加学科竞赛，获得国际级、国家级、省级奖项 60 多项。



陈建铭，南京信息工程大学教授。山东省青创团队（人工智能与网络安全）带头人，IEEE 高级会员，全球前 2% 顶尖科学家榜单（2020，2021，2022，2023）。2012 年 10 月至 2018 年 6 月间，任职于哈尔滨工业大学（深圳）计算机科学与技术学院担任助理教授与副教授。2018 年 7 月至 2023 年 6 月间起任职于山东科技大学计算机科学与工程学院担任副教授。2023 年 7 月起任职于南京信息工程大学人工智能学院

担任副教授(校聘教授，南京信息工程大学龙山学者支持计划)。

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组织委员会主席：



马国财副教授，硕士生导师、国家级创新工程师，现任青海理工学院计算机与信息科学学院副院长。主要从事人工智能技术的在清洁能源、生态保护及高性能材料等方面的应用研究。主持和参与国家社科基金、教育部教育规划课题、青海省自然科学基金，以及产业数智化平台建设等 10 余项，获得实用新型专利及软件著作权等 20 余件，出版学术著作及教材 3 部，发表学术论文 20 余篇（其中 SCI、EI 5 篇）。

主讲本科生“计算机程序设计”、“计算机操作系统”、“人工智能导论”等课程，主讲研究生“人工智能技术及其应用”、“机器学习”等学位课程。兼任全国高等院校计算机基础教育研究会会员、英国青海文商会理事，青海省工业互联网协会副秘书长。



王国庆副教授，硕士生导师，现为青海理工学院计算机与信息科学学院教师。本人主要从事电网数字化方面的研究工作。2013 年 8 月至 2022 年 9 月就职于国网青海省电力公司信息通信公司，负责公司信息化管理，期间获得多项科技进步奖 10 余项，专利 6 项，参与编写 2 项行业技术标准。2022 年 12 月入职青海理工学院。主要教授课程包括：数据分析与处理技术、数据库应用基础等。

技术委员会主席：



Valentina Emilia Balas，罗马尼亚阿拉德奥雷尔·弗拉伊库大学教授，同时也是阿拉德奥雷尔·弗拉伊库大学智能系统研究中心主任。她在权威期刊和国际会议上发表了 250 多篇研究论文。她的研究领域包括智能系统、模糊控制、软计算、智能传感器、信息融合、建模与仿真。她是《国际先进智能范式期刊》（IJAIP）和《国际计算系统工程期刊》（IJCSysE）的主编，《IEEE/CAA 自动化学报》（2019 年 9 月）

编委会成员，多家国内外期刊的成员，以及国内外项目和博士论文的评审专家。

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技术委员会成员：

Abdel-Badeeh M. Salem, Ain Shams University, Egypt
Ahmed Mateen Buttar, University of Agriculture Faisalabad, Pakistan
Akram A. Almohammed, Karabük University, Turkey
Aleksandra Mileva, Goce Delcev University, Republic of North Macedonia
Anand Nayyar, Duy Tan University, Vietnam
Constantinos Patsakis, University of Piraeus, Greece
Daehee Seo, Sangmyung University, South Korea
Danilo Avola, Sapienza University of Rome, Italy
Galina Ilieva, University of Plovdiv, Bulgaria
Gagandeep Kaur, University of Petroleum and Energy Studies, India
Gajendra Sharma, Kathmandu University, Nepal
George K. Adam, University of Thessaly, Greece
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Jiashu (Jessie) Zhao, Wilfrid Laurier University, Canada
Jing Wu, Qinghai Institute of Technology, China
Jing Zhang, Emory University, USA
Kang Wang, Wuchang Institute of Technology, China
Katarzyna Turoń, Silesian University of Technology, Poland
Khayyam Salehi, Shahrekord University, Iran

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Laiphrakpam Dolendro Singh, NIT Silchar, India

Larbi Boubchir, University of Paris 8, France

Ljiljana Trajković, Simon Fraser University, Canada

Loc Nguyen, Amrita College of Engineering & Technology, Vietnam

M. A. Jabbar, Vardhaman College of Engineering, India

Madihah Mohd Saudi, Universiti Sains Islam Malaysia, Malaysia

Muath Obaidat, City University of New York, USA

Muhammad Adil, University at Buffalo, USA

Neil Gordon, University of Hull, UK

Nikhil Teja Dommeti, HP R&D, USA

Obradovic Zarema, University of Sarajevo, Bosnia and Herzegovina

P.M. SIVARAJA, Amrita College of Engineering & Technology, India

Rao Li, University of South Carolina Aiken, USA

Sathishkumar V E, Sunway University, Malaysia

Seppo Sirkemaa, University of Turku, Finland

Seyed Mohammad Ayyoubzadeh, Tehran University of Medical Sciences, Iran

Sohaib Latif, The University of Chenab, Pakistan

Songmei Yu, Felician University, USA

Sunday Adeola Ajagbe, Abiola Ajimobi Technical University, Nigeria

Vatsal Gupta, Apple Inc., USA

Vinayak Ashok Bharadi, Finolex Academy of Management and Technology, India

Vladan Devedzic, University of Belgrade, Serbia

Xiangjie Kong, Zhejiang University of Technology, China

Yanchun Shen, Beijing Information Science and Technology University, China

Yuchen Jiang, Harbin Institute of Technology, China

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Hosted by

Beijing University of Technology

Qinghai Institute of Technology

Organized by

School of Computer and Information Science, Qinghai Institute of Technology

International Association of Applied Science and Technology (IAAST)

In Association With

Zhejiang University of Technology

WeResearch

General Chairs



Jingsha He, Professor, Beijing University of Technology, China. 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.

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Yu-Dong Zhang, Professor, IEEE/ACM/IES Senior Member, School of Computing and Mathematical Sciences, Chair in Knowledge Discovery and Machine Learning, University of Leicester, UK. He got his PhD degree in signal and information processing from Southeast University, in 2010. He was a postdoc from 2010 to 2012 with Columbia University, and as an assistant research scientist from 2012 to 2013 with Research

Foundation of Mental Hygiene. He was a full professor from 2013 to 2017 with Nanjing Normal University. Then he served as a professor with the School of Informatics, University of Leicester, U.K. His research interests include deep learning and medical image analysis. He is a fellow of the IET (FIET), and senior member of the IEEE, IES, and ACM. He was included in the “Most Cited Chinese researchers (Computer Science)” by Elsevier from 2014 to 2018. He was the recipient of the Web of Science Highly Cited Researcher 2019, “Emerald Citation of Excellence 2017, and MDPI Top 10 Most Cited Papers 2015. He was included in Top Scientist in Guide2Research.

Co-Chairs



Yong Xie, Professor & Dean, School of Computer and Information Science, Qinghai University of Technology, China. He is also recognized as a provincial-level distinguished teacher and has been selected for Qinghai Province's "Thousand Talents Plan" for high-end innovative talents. He serves as project review expert for the National Natural Science Foundation of China. He has led or participated in over 20 national and

provincial-level projects. He has published more than 50 academic papers in conferences and journals such as NDSS, ISSTA, IEEE Transactions on Network Science and Engineering (TNSE). He has been granted over 20 national invention patents and software copyrights. He also acts as peer reviewer for journals such as IEEE Transactions on Information Forensics and Security (TIFS), IEEE Transactions on Dependable and Secure Computing (TDSC), IEEE Internet of Things Journal (IoT), Theoretical Computer Engineering (TCE), Information Sciences, Security and Communication Networks (SCN) and so on.

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Chien-Ming Chen, Associate Professor, School of Artificial Intelligence, Nanjing University of Information Science and Technology, China. He has published about 150 SCI-indexed research articles in refereed journals (including ACM/IMS TDS, IEEE TII, IEEE TDSC, IEEE TPDS, IEEE TIFS, IEEE TITS, IEEE TC, IEEE TMM, IEEE SysJ, IEEE IOTJ, IEEE Networks, ACM TMIS, ACM OSR), 3 edited books, and 17 patents.

He is the Associate Editor/Editor of various SCI journals, and Guest Editor for several SCI journals including IEEE JBHI, IEEE TCE, etc. He is the Senior Member of IEEE.

Organizing Committee Chairs



Guocai Ma, Associate Professor, National Innovative Engineer, currently the vice dean for School of Computer and Information Science, Qinghai Institute of Technology, China. He is mainly engaged in the application research of artificial intelligence technology in clean energy, ecological protection and high-performance materials. He has presided over and participated in more than 10 projects, including the National Social Science Fund, the

Ministry of Education's Education Planning Project, the Qinghai Natural Science Fund, and the construction of industrial digitalization platforms. He has obtained more than 20 utility model patents and software copyrights, published 3 academic works and textbooks, and published more than 20 academic papers (including 5 SCI and EI papers).



Guoqing Wang, Associate Professor, Qinghai Institute of Technology, China. He is mainly engaged in research on power grid digitalization. From August 2013 to September 2022, he worked at the Information and Communication Company of State Grid Qinghai Electric Power Company, responsible for the company's information management. During this period, he won more than 10 scientific and technological

progress awards, 6 patents, and participated in the writing of 2 industry technical standards. He joined Qinghai Institute of Technology in December 2022.

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Technical Committee Chair



Valentina Emilia Balas is currently a Full Professor with the Department of Automatics and Applied Software, Faculty of Engineering, Aurel Vlaicu University of Arad, Romania. She is also the Director of the Intelligent Systems Research Centre, Aurel Vlaicu University of Arad. She is an author of more than 250 research articles in refereed journals and international conferences. Her research interests are in intelligent systems,

fuzzy control, soft computing, smart sensors, information fusion, modeling, and simulation. She is a member of EUSFLAT, SIAM, and a member of TC-Fuzzy Systems (IEEE CIS), a member of TC-Emergent Technologies (IEEE CIS), a member in TC-Soft Computing (IEEE SMCS).

Technical Committee Members

Abdel-Badeeh M. Salem, Ain Shams University, Egypt

Ahmed Mateen Buttar, University of Agriculture Faisalabad, Pakistan

Akram A. Almohammed, Karabük University, Turkey

Aleksandra Mileva, Goce Delcev University, Republic of North Macedonia

Anand Nayyar, Duy Tan University, Vietnam

Constantinos Patsakis, University of Piraeus, Greece

Daehee Seo, Sangmyung University, South Korea

Danilo Avola, Sapienza University of Rome, Italy

Galina Ilieva, University of Plovdiv, Bulgaria

Gagandeep Kaur, University of Petroleum and Energy Studies, India

Gajendra Sharma, Kathmandu University, Nepal

George K. Adam, University of Thessaly, Greece

Gianluca Lax, University Mediterranea of Reggio Calabria, Italy

Haibin Zhu, Nipissing University, Canada

Haider TH. Salim ALRikabi, Wasit University, Iraq

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Huatao Zhou, Wuchang Institute of Technology, China
Jiashu (Jessie) Zhao, Wilfrid Laurier University, Canada
Jing Wu, Qinghai Institute of Technology, China
Jing Zhang, Emory University, USA
Kang Wang, Wuchang Institute of Technology, China
Katarzyna Turoń, Silesian University of Technology, Poland
Khayyam Salehi, Shahrekord University, Iran
Laiphrakpam Dolendro Singh, NIT Silchar, India
Larbi Boubchir, University of Paris 8, France
Ljiljana Trajković, Simon Fraser University, Canada
Loc Nguyen, Amrita College of Engineering & Technology, Vietnam
M. A. Jabbar, Vardhaman College of Engineering, India
Madihah Mohd Saudi, Universiti Sains Islam Malaysia, Malaysia
Muath Obaidat, City University of New York, USA
Muhammad Adil, University at Buffalo, USA
Neil Gordon, University of Hull, UK
Nikhil Teja Dommeti, HP R&D, USA
Obradovic Zarema, University of Sarajevo, Bosnia and Herzegovina
P.M. SIVARAJA, Amrita College of Engineering & Technology, India
Rao Li, University of South Carolina Aiken, USA
Sathishkumar V E, Sunway University, Malaysia
Seppo Sirkemaa, University of Turku, Finland
Seyed Mohammad Ayyoubzadeh, Tehran University of Medical Sciences, Iran
Sohaib Latif, The University of Chenab, Pakistan

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Songmei Yu, Felician University, USA

Sunday Adeola Ajagbe, Abiola Ajimobi Technical University, Nigeria

Vatsal Gupta, Apple Inc., USA

Vinayak Ashok Bharadi, Finolex Academy of Management and Technology, India

Vladan Devedzic, University of Belgrade, Serbia

Xiangjie Kong, Zhejiang University of Technology, China

Yanchun Shen, Beijing Information Science and Technology University, China

Yuchen Jiang, Harbin Institute of Technology, China

主讲嘉宾

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孔祥杰

浙江工业大学计算机科学与技术学院副院长、教授。

研究领域：城市计算、社会计算、知识管理。

孔祥杰教授是浙江省杰出青年基金获得者，杭州市钱江特聘专家，浙江工业大学运河青年学者，城市科学与社会计算实验室创始者兼主任。现为 CCF 杰出会员、IEEE 高级会员、ACM 会员、美国科学研究荣誉协会会员（Sigma Xi）、中国计算机学会信息系统专业委员会执行委员、中国计算机学会普适计算专业委员会执行委员、中国自动化学会平行智能专业委员会委员、中文信息学会情感计算专业委员会委员。他担任 Wireless Communications and Computing、PeerJ Computer Science、KSII TIS、Electronics 等 SCI 期刊编委，以及 Pervasive and Mobile Computing、IEEE Access 等期刊专刊的（首席）客座编委。曾担任 CCVPR 等 10 余个国际会议的大会/程序委员会主席，在 IEEE CCCI 等 10 余个国际会议做大会/主旨报告。担任 IJCAI, KDD, IEEE BigData, IJCNN, COMPLEX NETWORKS, IEEE UIC, IEEE ICC 等多个国际会议程序委员会（TPC）委员。担任 IEEE TKDE、IEEE TMC、IEEE TNNLS、IEEE TNSE、IEEE TII、IEEE IOTJ、IEEE COMMUN MAG、IEEE NETW、IEEE TITS、TCJ、JASIST、计算机学报等顶级国内外期刊审稿人。



蒋宇辰

哈尔滨工业大学副教授。

研究领域：数据驱动故障诊断、安全监控与防御、工业网络物理系统。

蒋宇辰现任哈尔滨工业大学副教授、博士生导师。已发表/合作发表超过 50 篇 SCI 期刊论文。蒋教授担任多个重要专业委员会的成员，包括中国自动化学会“故障诊断与技术过程安全”专业委员会和“过程控制”专业委员会成员，IEEE 工业电子学会“基于数据的控制与监测”技术委员会和“工业信息物理系统”技术委员会成员，IEEE 高级会员。此外，蒋教授还担任《IEEE Transactions on Industrial Informatics》和《IEEE Transactions on Industrial Cyber-Physical Systems》等顶级期刊的编委。

主讲嘉宾

2025 西部信息工程与技术学术论坛
暨第十届网络安全与信息工程国际会议

2025 Academic Forum on Information Engineering and Technology & 10th International Conference on Cyber Security and Information Engineering (AFIET 2025 & ICCSIE 2025)



邓文扬

广东工业大学副教授。

研究领域：新能源并网优化控制、新能源电力市场。

邓文扬博士是广东工业大学“青年百人计划”A层次引进人才，校内副教授。近五年在电力能源领域权威期刊和国际会议发表SCI/EI索引学术论文近50篇，包括ESI热点/高被引论文1篇。主持并参与包括国家自然科学基金、省部级科研基金、国家级重点实验室开放基金等在内8项科研基金项目。完成及出版学术专著3部，申请及授权发明专利近20项。科研成果获得广东省科学技术奖成果推广奖（二等奖）、中国电力发展促进会科学技术二等奖。分别作为一作和通讯作者的两篇论文获得广东电力科学技术奖论文一等奖。担任《Protection and Control of Modern Power Systems》、《Symmetry》、《IET on Renewable Power Generation》等SCI/EI期刊副主编，兼任IEEE PES中国卫星技术委员会输配电专业委员会委员。



芦浩

西安电子科技大学副教授。

研究领域：宽禁带半导体器件、氮化镓异质集成关键技术、化合物半导体关键工艺。

芦浩教授长期从事氮化镓基微波/毫米波电子器件、化合物半导体异质集成、GaN/Si全套CMOS兼容工艺关键技术研究。主持国家自然科学基金青年项目、国家资助博士后研究人员计划B类、中国博士后科学基金面上项目等项目6项，骨干参与多项基金委、华为等纵向、横向项目研制。发表SCI/EI论文60篇，以第一/通讯作者在IEDM、IEEE EDL、IEEE TED、APL等国际高水平SCI期刊、顶会上发表论文32篇，研究成果被国际化合物半导体媒体Compound Semiconductor(CS)、CS China专题报道。申请发明专利27项（授权12项），在IEEE IEDM、IWN、IEEE WiPDA、ICNS等行业高水平国际/国内会议作邀请/口头报告29次，先后多次荣获国际会议Best Presentation Award、陕西省博士后创新创业赛优胜奖、首届芯缘科技创新奖、博士研究生国家奖学金等奖项。担任期刊客座编辑，IEEE Member，中国电子学会会员，光学工程学会高级会员，CCF集成电路设计专委会委员，多项国际会议Organizing Committee Member。

主讲嘉宾

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潘洪涛

中国科学院合肥物质科学研究院副研究员。

研究领域：自动化技术、核科学与技术、机械工业。

潘博士，2010 年获合肥工业大学学士学位，2013 年获中国科学院大学硕士学位，

2017 年获中国科学技术大学博士学位。现为中国科学院合肥物质科学研究院副研

究员。曾主持了国家自然科学基金委员会研究项目，并在 Nuclear Engineering and Technology、IEEE TRANSACTIONS ON PLASMA SCIENCE 等国际期刊和会议上发表了一系列论文。



Anand Nayyar

越南维新大学教授。

研究领域：无线传感器网络、物联网、群体智慧、云计算、人工智能、无人机、区块链、网络安全、医疗信息、大数据与无线通信。

Anand Nayyar 博士目前在越南维新大学计算机学院担任教授、科学家、副主席（研究）以及物联网和智能系统实验室主任。他拥有 CISCO, Microsoft, Amazon, EC-Council, Oracle, Google, Beingcert, EXIN, GAQM, Cyberoam 等机构颁发的 125 多项专业认证。他在各种高质量 ISI-SCI/SCIE/SSCI 影响因子 Q1、Q2、Q3、Q4 期刊和 Scopus/ESCI 索引期刊上发表了 200 多篇研究论文，并在 Springer、IEEE 和 ACM 数字图书馆索引的国际会议上发表了 80 多篇论文，同时他为 Springer、CRC Press、Wiley、IET、Elsevier 等出版公司出版的各种 SCOPUS/WEB OF SCIENCE 索引书籍中撰写了 60 多个书籍章节，引用次数：(Google Scholar): 15000+, H 指数：66 和 I 指数：240; (Scopus): 7900+; H 指数：47。Anand Nayyar 博士也是 60 多个协会的高级会员和终身会员，例如：IEEE（高级会员）和 ACM（高级会员）。他撰写/合著并编辑了 60 多本计算机科学书籍。参加过 600 多个国际会议，担任过委员会委/主席/顾问委员会/审稿委员会成员。

主讲嘉宾

2025 西部信息工程与技术学术论坛
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Neil Gordon

英国赫尔大学教授。

研究领域：有限几何及其应用、人机交互、游戏化和计算机教学、计算机代数、安全性和可靠性分析、远程医疗、技术增强型学习和信息系统。

Neil 是英国赫尔大学计算机教授、国家教学研究员和教育咨询机构 Advance HE 首席研究员。他为 Advance HE 撰写了多份报告，尤其关注技术增强学习如何实现灵活教学法、评估在教育中的作用以及如何解决计算机教育中的留级和学业成就问题。他的研究兴趣包括应用计算机科学实现真正的技术增强学习、可持续发展相关问题，以及关于计算机代数和形式化方法应用的更多学科特定研究。



Vladan Devedzic

塞尔维亚贝尔格莱德大学教授。

研究领域：人工智能、程序设计教育、软件工程、智能软件系统、技术强化学习 (TEL)。

Vladan Devedzic 是塞尔维亚贝尔格莱德大学组织科学学院计算机科学与软件工程教授。他曾在贝尔格莱德大学电气工程学院教授计算机科学课程。自 2021 年起，他担任塞尔维亚科学与艺术学院 (SASA) 通讯院士。Devedzic 教授是 GOOD OLD AI 研究网络的创始人兼主席，并撰写或合作撰写了大量研究论文，发表于国内外期刊、编辑书籍及会议论文集。此外，他还出版了六本关于智能系统和软件工程的专著。在学术服务方面，他担任 International Journal of Technology Enhanced Learning 副主编，并是 International Journal of Web based Communities、International Journal of Knowledge and Learning 和 Electronics and Energetics 三本国际科学期刊的编委会成员。Devedzic 教授已在国际会议上做过 24 场特邀讲座，进行过两次内部讲座，并作为演讲嘉宾出席过众多国内外研讨会。

主讲嘉宾

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2025 Academic Forum on Information Engineering and Technology & 10th International Conference on Cyber Security and Information Engineering (AFIET 2025 & ICCSIE 2025)



Madihah Mohd Saudi

马来西亚伊斯兰理科大学教授。

研究领域：恶意软件、移动安全、数据隐私。

Madihah Mohd Saudi 教授是网络安全和教育领域的先锋力量。作为马来西亚伊斯兰理科大学（USIM）科技学院信息安全与保障（ISA）项目的教授，她致力于推动这两个领域的创新。她曾担任 USIM 的首席信息官，这凸显了她对技术与教育的前瞻性融合。Madihah 教授拥有超过 20 年的卓越职业生涯，撰写了大量书籍、策略计划和具有影响力的期刊论文。她在世界各地担任着重要的职位，包括英国 University of Bristol's Cyber Security Group 的荣誉客座研究员，以及印度尼西亚和乌兹别克斯坦知名机构的客座教授。作为 IEEE 计算机学会等知名组织的成员，她在网络安全和机器学习领域表现出色。她从计算机科学理学学士（荣誉）学位到计算机安全博士学位的求学历程，以及获得的 GSEC 和 CEH 等认证，体现了她对专业知识的执着追求。Madihah 教授的影响力跨越国界，塑造着网络安全和教育领域更加美好的未来。她留下的知识、指导和全球合作遗产，将继续引领着有抱负的人才和专业人士。



Ljiljana Trajkovic

加拿大西蒙弗雷泽大学教授。

研究领域：通信网络、非线性电路与系统。

Ljiljana Trajkovic 获得了纽约州雪城大学的电气工程和计算机工程硕士学位以及加州大学洛杉矶分校的电气工程博士学位。她目前是加拿大西蒙弗雷泽大学工程科学学院的教授。她的研究兴趣包括通信网络和动态系统。Trajkovic 博士曾担任 IEEE 第 X 分部代表/主任，IEEE Circuits and Systems Society 主席以及 IEEE IEEE Circuits and Systems Society 主席。她担任 IEEE Transactions on Human-Machine Systems 的主编。她是 IEEE Systems, Man, and Cybernetics Society 和 IEEE Circuits and System Society 的杰出讲师。她是 IEEE 院士。

Keynote Speakers

2025 西部信息工程与技术学术论坛
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Xiangjie Kong

Professor, IEEE Senior Member/ACM Member, Deputy Dean of the College of Computer Science and Technology, Zhejiang University of Technology, China.

Research field: Big Data; Network Science and Computational Social Science.

Dr. Xiangjie Kong is currently a Full Professor in the College of Computer Science & Technology, Zhejiang University of Technology (ZJUT), China. Previously, he was an Associate Professor in School of Software, Dalian University of Technology (DUT), China, where he was the Head of the Department of Cyber Engineering. He is the Founding Director of City Science of Social Computing Lab (The CSSC Lab). He is/was on the Editorial Boards of 6 International journals. He has served as the General Co-Chair, Workshop Chair, Publicity Chair or Program Committee Member of over 30 conferences. Dr. Kong has authored/co-authored over 140 scientific papers in international journals and conferences. His research has been reported by Nature Index and other medias. He has been invited as Reviewers for numerous prestigious journals.



Yuchen Jiang

Associate Professor, Harbin Institute of Technology, China.

Research field: Data-driven Fault Diagnosis; Security Monitoring and Defense; Industrial Cyber Physical Systems.

Yuchen Jiang, Ph.D., is an Associate Professor and Doctoral Supervisor at Harbin Institute of Technology. He has authored/co-authored over 50 SCI journal articles. He is a member of the "Fault Diagnosis and Safety of Technical Process" Professional Committee and the "Process Control" Professional Committee of the Chinese Association of Automation, a member of the "Data Driven Control and Monitoring" Technical Committee and the "Industrial Cyber-Physical Systems" Technical Committee of the IEEE Industrial Electronics Society, and a Senior Member of IEEE. He serves as an editorial board member for top journals such as IEEE Transactions on Industrial Informatics and IEEE Transactions on Industrial Cyber Physical Systems.

Keynote Speakers

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Wenyang Deng

Associate Professor, Guangdong University of Technology, China.

Research field: New energy grid connection optimization control; new energy power market.

Dr. Deng obtained a Ph.D at the State Key Laboratory of Internet of Things for Smart City, University of Macau. After that, he conducted postdoctoral research at the School of Electric Power Engineering of South China University of Technology. In the past five years, he has published nearly 50 SCI/EI papers in authoritative journals and conferences in the field of power energy, including 1 ESI hot/highly cited paper. He presided 8 scientific research projects including the National level, provincial and ministerial-level, etc. He published 3 academic monographs and granted nearly 20 invention patents. He won the Guangdong Provincial Science and Technology Award Achievement Promotion Award (Second Prize) and the China Electric Power Development Promotion Association Science and Technology Second Prize.



Hao Lu

Associate Professor, Xidian University, China.

Research field: Wide bandgap semiconductor devices, key technologies for heterogeneous integration of gallium nitride, key processes for compound semiconductors.

Hao Lu received the Ph.D. degree in School of Microelectronics from Xidian University, Xi'an, China. He is now an Associate Professor of Xidian University. His research interest is GaN-based microwave/millimeter wave electronic devices and key technologies of heterostructure integration. He has published more than 60 technical papers in IEEE IEDM, IEEE Electron Devices Letters, IEEE Transactions on Electron Devices, Applied Physics Letters, Science China-Information sciences. etc., including 26 first-author publications. He holds 33 chinese patents (12 Granted patents). Has made several oral/invited presentation at international conferences such as IEDM, IEEE WiPDA, IEEE ICTA, IWN, APWS, etc.

Keynote Speakers

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Hongtao Pan

Associate Researcher, Hefei Institutes of Physical, Chinese Academy of Science, China.

Research field: Automation technology; nuclear science and technology; mechanical industry.

Dr. Pan received his bachelor's degree from Hefei University of Technology in 2010, obtained his master's degree from University of Chinese Academy of Sciences in 2013, and got his doctorate degree from University of Science and Technology of China in 2017. Currently, Dr. Pan is an associate researcher at the Hefei Institutes of Physical, Chinese Academy of Science, China. He has presided research project of the National Natural Science Foundation of China. He has published a series of papers in international journal and conferences, including Nuclear Engineering and Technology, IEEE TRANSACTIONS ON PLASMA SCIENCE.



Anand Nayyar

Professor, IEEE/ACM Senior Member, Duy Tan University, Vietnam.

Research field: Wireless Sensor Networks; Internet of Things; Swarm Intelligence; Cloud Computing; Artificial Intelligence; Drones; Blockchain; Cyber Security; Healthcare Informatics; Big Data and Wireless Communications.

Dr. Anand Nayyar is currently working in School of Computer Science-Duy Tan University, Da Nang, Vietnam as Professor, Scientist, Vice-Chairman (Research) and Director- IoT and Intelligent Systems Lab. A Certified Professional with 125+ Professional certifications from CISCO, Microsoft, Amazon, EC-Council, Oracle, Google, Beingcert, EXIN, GAQM, Cyberoam and many more. Published more than 200+ Research Papers in various High-Quality ISI-SCI/SCIE/SSCI Impact Factor- Q1, Q2, Q3, Q4 Journals cum Scopus/ESCI indexed Journals, 80+ Papers in International Conferences indexed with Springer, IEEE and ACM Digital Library, 60+ Book Chapters in various SCOPUS/WEB OF SCIENCE Indexed Books. Member of more than 60+ Associations as Senior and Life Member like: IEEE and ACM.

Keynote Speakers

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Neil Gordon

Professor, University of Hull, UK.

Research field: Finite Geometry and Applications; HCI, Gamification and Computer-based Instruction; Computer Algebra; Safety and Reliability Analysis; Telehealth; Technology Enhanced Learning and Information Systems.

Neil is a Professor in Computer Science, a National Teaching Fellow, and a Principal Fellow of AdvanceHE. He has produced a number of reports for Advance HE, in particular on how technology enhanced learning can enable flexible pedagogy, on the role of assessment in education, and on ways to address issues in retention and attainment in computing education. His research interests include applications of computer science to enable true technology enhanced learning, issues around sustainable development, as well as more discipline specific work on applications of computer algebra and formal methods.



Vladan Devedzic

Professor, University of Belgrade, Serbia.

Research field: Artificial Intelligence; Programming Education; Software Engineering; Intelligent Software Systems; Technology-enhanced Learning (TEL).

Vladan Devedzic is a Professor of Computer Science and Software Engineering at the University of Belgrade, Faculty of Organizational Sciences, Belgrade, Serbia. He also used to teach several Computer Science courses at the School of Electrical Engineering, University of Belgrade, as well as at the Military Academy of Serbia (ex Yugoslav Military Academy). Since 2021, he is a Corresponding Member of the Serbian Academy of Sciences and Arts (SASA). He is the founder and the Chair of the GOOD OLD AI research network. Vladan Devedzic has authored/co-authored numerous research papers, published in international and national journals and in edited books, or presented at international and national conferences, as well as six books on intelligent systems and software engineering.

Keynote Speakers

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Madihah Mohd Saudi

Professor, Universiti Sains Islam Malaysia, Malaysia.

Research field: Malware; Mobile Security; Data Privacy.

Professor Madihah Mohd Saudi is a pioneering force in cybersecurity and education. As a Professor in the Information Security & Assurance (ISA) Programme, Faculty of Science and Technology (FST) at Universiti Sains Islam Malaysia (USIM), Malaysia, she drives innovation in both realms. Her tenure as USIM's former Chief Information Officer underscores her visionary integration of technology and education. With a remarkable career spanning over 20 years, Prof. Madihah has authored numerous books, strategic plans, and impactful journal papers. She holds esteemed positions worldwide, including Honorary Visiting Research Fellow at the University of Bristol's Cyber Security Group, United Kingdom and Visiting Professor roles at prominent institutions in Indonesia and Uzbekistan.



Ljiljana Trajkovic

Professor, IEEE Fellow, Simon Fraser University, Canada.

Research field: Communication Networks, Dynamical Systems.

Ljiljana Trajkovic received the Dipl. Ing. degree from University of Pristina, Yugoslavia, the M.Sc. degrees in electrical engineering and computer engineering from Syracuse University, Syracuse, NY, and the Ph.D. degree in electrical engineering from University of California at Los Angeles. She is currently a professor in the School of Engineering Science, Simon Fraser University, Burnaby, British Columbia, Canada. Her research interests include communication networks and dynamical systems. Dr. Trajkovic served as IEEE Division X Delegate/Director, President of the IEEE Systems, Man, and Cybernetics Society, and President of the IEEE Circuits and Systems Society. She serves as Editor-in-Chief of the IEEE Transactions on Human-Machine Systems. She is a Distinguished Lecturer of the IEEE Systems, Man, and Cybernetics Society and was a Distinguished Lecturer of the IEEE Circuits and System Society. She is a Fellow of the IEEE.

会议日程

2025 西部信息工程与技术学术论坛
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2025 年 7 月 23 日	
青海理工学院（西宁市城北区甘里铺镇修远街 2 号）	
线下会场：青海理工学院计算机楼（卓远楼）四楼 418 会议室	
线上同步腾讯会议: https://meeting.tencent.com/dm/zIcSOIZow00b	
腾讯会议室 ID: 224-933-067	
08:00-08:50	会议报到
09:00-09:10	会议开幕 开幕致辞
09:10-09:20	会议合影
09:20-10:00	主讲报告 1: 孔祥杰教授，浙江工业大学 报告题目：边缘云协作赋能智能交通系统
10:00-10:40	主讲报告 2: 蒋宇辰副教授，哈尔滨工业大学 报告题目：揭示针对故障检测系统的网络攻击：原理、实施方法及防御策略
10:40-11:00	茶歇 & 墙报展示
11:00-11:40	主讲报告 3: 邓文扬副教授，广东工业大学 报告题目：容性耦合逆变器在混合微电网低成本无功功率调节中的应用
12:00-14:00	午餐 午休
14:00-14:30	主题报告 1: 芦浩副教授，西安电子科技大学 报告题目：面向无线通信应用的宽禁带半导体器件研究
14:30-15:00	主题报告 2: 潘洪涛研究员，中国科学院合肥物质科学研究院 报告题目：聚变堆遥操作机器人研究进展

会议日程

2025 西部信息工程与技术学术论坛
暨第十届网络安全与信息工程国际会议

2025 Academic Forum on Information Engineering and Technology & 10th International Conference on Cyber Security and Information Engineering (AFIET 2025 & ICCSIE 2025)

15:00-15:15	口头汇报 1: 赵家振，国防科技大学 汇报题目：RTSGen: 通过 LLM 生成 RFC 和流量引导种子，用于网络协议模糊测试
15:15-15:30	口头汇报 2: 周仕承，国防科技大学 汇报题目：基于语义对齐的对比学习用于漏洞严重程度分类
15:30-15:45	口头汇报 3: 刘李朕，东莞理工学院 汇报题目：Sparrow 优化 BP 神经网络在无线通信设备定位中的应用研究
15:45-16:00	口头汇报 4: 罗成娥，武汉华夏理工学院 汇报题目：一种基于预测误差扩展的改进型可逆数据隐藏算法
16:00-16:15	口头汇报 5: 曾英佩，杭州电子科技大学 汇报题目：OTPPM: 基于一次性密码本的密码管理器
16:15-16:30	口头汇报 6: 高阳，武汉科技大学 汇报题目：MedKGGPT2: 基于知识图谱的医药大模型微调数据生成方法研究
16:30-16:45	口头汇报 7: 钱雄文，深圳市大数据研究院 汇报题目：强化学习方法在列生成初始化中的应用及飞机恢复问题
16:45-17:00	优秀颁奖

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2025 年 7 月 24 日（线上）	
腾讯会议: https://meeting.tencent.com/dm/ZBmQIMwvTiBB	
腾讯会议室 ID: 803-743-679	
09:00-09:30	主题报告 1: Anand Nayyar 教授, 越南维新大学 报告题目: 车联网和互联汽车的安全性
09:30-10:00	主题报告 2: Neil Gordon 教授, 英国赫尔大学 报告题目: 面向未来的网络安全教学: 在智能系统时代整合人工智能、隐私和社会复原力
10:00-10:30	主题报告 3: Vladan Devedzic 教授, 塞尔维亚贝尔格莱德大学 报告题目: 网络安全领域的人工智能
10:30-11:00	主题报告 4: Madiah Mohd Saudi 教授, 马来西亚伊斯兰理科大学 报告题目: 缓解勒索软件攻击: 使用数字孪生的进展与挑战
11:00-11:30	主题报告 5: Ljiljana Trajkovic 教授, 加拿大西蒙弗雷泽大学 报告题目: 用于网络流量分析的数据挖掘和机器学习
11:30-11:45	口头汇报 1: Daouda Ahmat, 乍得恩贾梅纳大学 报告题目: 隐私新范式 (N2P): 通过数学插值方案实现无密钥匿名
11:45-12:00	口头汇报 2: 咎鑫, 西安交通大学 报告题目: 基于 TCN-变压器-交叉注意混合架构的湿度调节设备状态预测方法
12:00	会议闭幕

Program

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2025 Academic Forum on Information Engineering and Technology & 10th International Conference on Cyber Security and Information Engineering (AFIET 2025 & ICCSIE 2025)

2025 年 7 月 23 日	
On-site Venue: The Computer Building, Qinghai Institute of Technology (No. 2 Xiuyuan Street, Chengbei District, Xining, Qinghai, China)	
Online Venue (VooV Meeting): https://meeting.tencent.com/dm/zlcSOIZow00b	
Meeting ID: 224-933-067	
08:00-08:50	On-Site Registration
09:00-09:10	Opening Welcome Speech
09:10-09:20	Group Photo
09:20-10:00	Keynote Speech 1: Prof. Xiangjie Kong, Zhejiang University of Technology, China Title: Edge Cloud Collaboration Empowered Intelligent Transportation Systems
10:00-10:40	Keynote Speech 2: Assoc. Prof. Yuchen Jiang, Harbin Institute of Technology, China Title: Revealing Cyberattacks Against Fault Detection Systems: Principles, Implementation Methods, and Defense Strategies
10:40-11:00	Tea Break & Poster Display
11:00-11:40	Keynote Speech 3: Assoc. Prof. Wenyang Deng, Guangdong University of Technology, China Title: Application of Capacitive-Coupling Inverter for Implementation of Low-cost Reactive Power Conditioning in Hybrid Microgrid
12:00-14:00	Lunch Break
14:00-14:30	Invited Speech 1: Assoc. Prof. Hao Lu, Xidian University, China Title: Research on Wide Bandgap Semiconductor Device for Wireless Communication
14:30-15:00	Invited Speech 2: Dr. Hongtao Pan, Hefei Institutes of Physical Science, Chinese Academy of Science, China Title: Research Progress of Fusion Reactor Teleoperation Robots

Program

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15:00-15:15	Oral Presentation 1: Jiazhen Zhao, National University of Defense Technology, China Title: RTSGen: RFC and Traffic-Guided Seed Generation via LLM for Network Protocol Fuzzing
15:15-15:30	Oral Presentation 2: Shicheng Zhou, National University of Defense Technology, China Title: Semantic Alignment Based Contrastive Learning for Vulnerability Severity Classification
15:30-15:45	Oral Presentation 3: Lizhen Liu, Dongguan University of Technology, China Title: Research on Sparrow Optimization BP Neural Network in Wireless Communication Device Localization Applications
15:45-16:00	Oral Presentation 4: Cheng'e Luo, Wuhan Huaxia Institute of Technology, China Title: An Improved Reversible Data Hiding Algorithm Based on Prediction Error Expansion
16:00-16:15	Oral Presentation 5: Yingpei Zeng, Hangzhou Dianzi University, China Title: OTPPM: A One-time Pad-based Password Manager
16:15-16:30	Oral Presentation 6: Yang Gao, Wuhan University of Science and Technology, China Title: MedKGGPT2: Research on Data Generation Method for Fine-tuning Medical Large Models Based on Knowledge Graph
16:30-16:45	Oral Presentation 7: Xiongwen Qian, Shenzhen Research Institute of Big Data (SRIBD), China Title: A Reinforcement Learning Approach for Initialization of Column Generation with Application to Aircraft Recovery Problem
16:45-17:00	Awards

Program

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2025 年 7 月 24 日 (Online)	
Voov: https://meeting.tencent.com/dm/ZBmQIMwvTiBB	
Conference Room ID: 803-743-679	
09:00-09:30	Invited Speech 1: Prof. Anand Nayyar, Duy Tan University, Vietnam Title: Internet of Vehicles and Security of Connected Car
09:30-10:00	Invited Speech 2: Prof. Neil Gordon, University of Hull, UK Title: Future-Oriented Cybersecurity Teaching: Integrating AI, Privacy, and Societal Resilience in the Age of Intelligent Systems
10:00-10:30	Invited Speech 3: Prof. Vladan Devedzic, University of Belgrade, Serbia Title: Don't Get Fooled Again AI in Cyber Security
10:30-11:00	Invited Speech 4: Prof. Madihah Mohd Saudi, Universiti Sains Islam Malaysia, Malaysia Title: Mitigating Ransomware Attacks: Advances and Challenges using Digital Twins
11:00-11:30	Invited Speech 5: Prof. Ljiljana Trajkovic, Simon Fraser University, Canada Title: Data Mining and Machine Learning for Analysis of Network Traffic
11:30-11:45	Oral Presentation 1: Daouda Ahmat, Department of Computer Science University of N'Djamena N'Djamena, Chad Title: A New Paradigm for Privacy (N2P): Achieving Keyless Anonymity Through Mathematical Interpolation Schemes
11:45-12:00	Oral Presentation 2: Xin Zan, Xi'an Jiaotong University, China Title: Moisture Conditioning Equipment State Prediction Method Based on TCN-Transformer-CrossAttention Hybrid Architecture
12:00	Closing

会议地点 | Venue

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2025 Academic Forum on Information Engineering and Technology & 10th International Conference on Cyber Security and Information Engineering (AFIET 2025 & ICCSIE 2025)

会议地点：青海理工学院计算机楼（卓远楼）四楼 418 会议室

地址：西宁市城北区甘里铺镇修远街 2 号

Venue: The Computer Building, Qinghai Institute of Technology

Address: No. 2 Xiuyuan Street, Chengbei District, Xining, Qinghai, China

