



AEECA 2026

2026 电气工程与计算机应用前沿国际会议

会 议 日 程 Conference Program

2026 年 10 月 9-11 日 | 中国大连（大连交通大学）

October 9-11, 2026 | Dalian, China (Dalian Jiaotong University)

会议网站 | Website: <https://www.aeecca.com/>

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2026 International Conference on Advances in Electrical Engineering and Computer Applications

2026 电气工程与计算机应用前沿国际会议（AEECA 2026）将于 2026 年 10 月 9-11 日在大连交通大学举办。

本次会议由大连交通大学主办，大连交通大学电气工程学院、国际应用科学与技术协会（IAAST）和微研学术承办，北京工业大学、东北大学、大连工业大学、法国上阿尔萨斯大学、印度瓦尔达曼工程学院、内蒙古工业大学协办。会议以“电气工程与计算机应用”为主题，旨在为电气工程、电子科学与技术、计算机科学与技术等相关应用领域的专家、学者与工程技术人员搭建一个高水平的学术交流平台。通过分享前沿科研成果，会议将助力该领域的科研创新与技术落地应用。

大会设置特邀报告、口头汇报、学术墙报展示等环节，与会者既可聆听专家前沿报告，也可展示自身研究成果，开展学术互动。

诚邀各位同仁齐聚大连，聚焦电力能源、智能电网、人工智能、光子技术、通信网络、工业自动化等前沿议题，共研电气工程与计算机应用新技术，共促交叉领域创新发展！

The 2026 International Conference on Advances in Electrical Engineering and Computer Applications (AEECA 2026) will be held during October 9-11, 2026 at Dalian Jiaotong University in Dalian, China.

This conference is hosted by Dalian Jiaotong University; organized by the School of Electrical Engineering of Dalian Jiaotong University, International Association of Applied Science and Technology (IAAST), WeResearch; co-organized by Beijing University of Technology, Northeastern University, Dalian Polytechnic University, University of Haute-Alsace (France), Vardhaman College of Engineering (India), Inner Mongolia University of Technology.

Under the theme of "Electrical Engineering and Computer Applications", this conference aims to be the premier forum for stimulating scholarly discussion and disseminating research in the related fields of electrical engineering, electronic science and technology, and computer science and technology.

The Organizing Committee welcomes scientists, researchers and engineers to come and present their most recent ideas, innovations, and trends in the fields of electrical engineering, electronic science and technology, and computer science and technology.

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大连交通大学电气工程学院

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研究领域：智慧装备、农业智能系统等场景、围绕动力电池状态感知、智能图像重建、无人系统协同控制等。

徐晓东教授长期从事智能系统优化控制、智能感知相关理论与工程技术研究。先后主持国家自然科学基金、国家重点研发计划等国家级科研项目；累计发表高水平期刊论文 80 余篇。研究成果面向智慧装备、农业智能系统等场景，围绕动力电池状态感知、智能图像重建、无人系统协同控制等关键技术开展攻关，多项技术落地应用。兼任中国人工智能学会智能控制与智能管理专业委员会委员、湖南省有色金属学会智能制造专业委员会委员，CAAI 自主无人系统专委会委员等。



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研究领域：智能电网、能源系统建模、计算智能以及电动汽车系统等。

赖俊升教授 2013 年于英国伦敦布鲁内尔大学取得电子与电气工程一等荣誉工学学士学位，2019 年于英国牛津大学获得工程科学哲学博士学位。他担任《IEEE 消费电子汇刊》高级编辑，同时兼任《IEEE 系统、人与控制论汇刊：系统》以及《IET 能源转换与经济学》副编辑。赖教授荣获 2025 年度 IEEE 系统、人与控制论学会（SMC）青年学者奖。合著出版专著《智慧城市中面向交通与健康的智能能源》（IEEE 出版社-威利出版社，2023 年）。共有 7 篇论文入选 Web of Science 高被引论文，其中 3 篇为第一作者。自 2021 年起，连续入选斯坦福大学发布的全球前 2% 顶尖科学家榜单。

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青岛大学特聘教授、威海创新研究院副院长。

研究领域：新型电力系统智能控制与安全防御、智能建筑、智慧建筑能源、新能源储能器件状态评估和寿命预测、电力市场与电力经济、储能元件、新能源的存储和转化、分布式微网与储能、能源互联网等。

王凯教授是山东省优秀研究生导师，省级高层次领军人才，泰山学者特聘教授，IET 会士。入选全球前 2% 顶尖科学家终身影响力榜、2024-2025 爱思唯尔中国高被引学者及全国高被引学者 Top 5%。IEEE 高级会员，中国科学院、大连理工大学、中国石油大学兼职教授。荣获山东省新时代岗位建功劳动竞赛标兵，任山东省储能学会理事，《可再生与可持续能源通报》主编。获山东省科技进步奖 2 项（1 项排名第一）、第 77 届纽伦堡国际发明展铜奖、第 51 届日内瓦国际发明展金奖特别奖、辽宁省自然科学学术成果奖一等奖（排名第一）等。发表 SCI 论文 30 余篇，出版专著及教材 3 部，入选“十四五”国家重点出版物出版规划项目。



王宁

大连海事大学教授，国家万人计划青年拔尖人才。

研究领域：全电船运行优化控制、具身智能无人船艇孪生演化、轮机智能无人系统等。

王宁，二级教授，博士生导师，国家万人计划青年拔尖人才，辽宁省“兴辽英才计划”领军人才、辽宁省杰青、交通运输行业科技创新领军人才。从事全电船运行优化控制、具身智能无人船艇孪生演化、轮机智能无人系统等研究工作，主持国家自然科学基金重点项目等 20 余项，发表 SCI 论文 200 余篇、全球高被引论文 45 篇，被引 1.4 万余次；获得省部级科技奖 5 项、青年科技奖 5 项；入选科睿唯安全球高被引科学家、爱思唯尔高被引学者、全球前 2% 终身影响力顶尖科学家、IET/IMarEST/IIAV/ISCM 会士；担任《IEEE 智能交通系统汇刊》、《海洋工程》、《野外机器人学杂志》等国际期刊编委/副主编。

特邀嘉宾 2026 电气工程与计算机应用前沿国际会议

2026 International Conference on Advances in Electrical Engineering and Computer Applications



Dimitrios A. Karras

希腊雅典大学副教授。

研究领域：智能和分布式系统、多智能体系统、模式识别和计算智能、图像和信号处理/系统、生物医学系统、通信和网络以及安全和可持续性应用。

Dimitrios A. Karras 博士于 1985 年在希腊雅典国家技术大学（NTUA）获得电气与电子工程文凭和硕士学位，并于 1995 年在希腊 NTUA 以优异成绩获得电气工程博士学位。1990 年至 2004 年期间，他作为客座教授和研究员，与希腊及德国海德堡（DKFZ）的多家大学和研究机构开展了合作。他在智能与分布式/多智能体系统、模式识别、图像/信号处理和神经网络以及生物信息学领域发表了 80 余篇经同行评审的期刊论文，并在国际同行评审科学会议上发表了 185 余篇研究论文。他曾担任信号、图像、通信和自动化系统领域多个国际研讨会和会议的程序委员会成员以及程序/大会主席。他已被 2500 余篇研究论文引用，其 H/G 指数为 21/51（谷歌学术），埃尔德什数为 5。他的 RG 评分为 31.94，位居科研人员前 10%。



于申

大连交通大学讲师。

研究领域：清洁能源电力交易机制设计与竞价策略。

于申博士本、硕、博就读于大连理工大学，具备水利和电气工程交叉专业背景，2024 年 9 月取得工学博士学位，现任大连交通大学电气工程学院讲师，2025 年获评“大连市青年才俊”和“大连交通大学第三层次人才”称号。主持辽宁省科技项目 1 项，水科院委托多能互补专题技术服务项目 1 项；参与国家自然科学基金项目及电网、发电企业委托科技项目多项。在《应用能源》《能源转换与管理》《能源》《清洁生产杂志》《中国电机工程学报》等国内外优秀能源电力期刊发表论文 10 余篇。

■ 特邀嘉宾 2026 电气工程与计算机应用前沿国际会议

2026 International Conference on Advances in Electrical Engineering and Computer Applications



Vladan Devedzic

塞尔维亚贝尔格莱德大学教授，塞尔维亚科学与艺术学院（SASA）通讯院士。

研究领域：有限几何及其应用、人机交互、游戏化与计算机教学计算机代数、安全可靠性分析、远程医疗、技术促进学习和信息系统。

Vladan Devedzic 曾在贝尔格莱德大学电气工程学院以及塞尔维亚军事学院教授多门计算机科学课程。他是 GOOD OLD AI 研究网络的创始人和主席。撰写/合著了大量研究论文，发表在国际和国内期刊及编著书籍中，或在国际和国内会议上宣读，并出版了六本关于智能系统与软件工程的著作。他是《国际技术增强学习期刊》的副主编，以及另外三本国际科学期刊的编委会成员：《国际网络社区期刊》、《国际知识与学习期刊》和《电子学与能量学》。Vladan Devedzic 在国际会议上做了 24 次辅导报告，两次内部辅导，并作为演讲者参加了许多国内和国际研讨会。



Neil Andrew Gordon

英国赫尔大学教授。

研究领域：数学与计算机科学。

Neil Andrew Gordon 教授倡导有效开发和使用技术用于教学，尤其是在高等教育中，并与 AdvanceHE 合作开展了多个项目。在获得了应用数学博士学位后，他曾担任研究助理、教育技术顾问。2000 年，他开始担任计算机科学讲师，2016 年至 2018 年担任计算机科学系主任。他曾多年担任理学院预科年的首席导师，并担任该学院多个 KTP 项目的高级首席学术。他经常担任项目审批与审查小组的主席或成员，参与赫尔 DARTE 计划以认可和授予 AdvanceHE 认证会士，并领导工作组制定数字化评估方法，以及支持和加强外部考官的工作。尼尔自 2022 年起担任英国计算机学会伦理专家组主席。

■ 特邀嘉宾 2026 电气工程与计算机应用前沿国际会议

2026 International Conference on Advances in Electrical Engineering and Computer Applications



M. A. Jabbar

印度瓦尔达曼工程学院教授。

研究领域：人工智能、大数据分析、生物信息学、网络安全、机器学习、攻击图和入侵检测系统。

M. A. Jabbar 博士是印度海得拉巴瓦尔达曼工程学院计算机科学与工程（人工智能与机器学习）系教授兼系主任，位于特伦甘纳邦。他在印度海得拉巴 JNTUH 获得哲学博士学位。他从事教学工作 20 余年。他的研究兴趣包括人工智能、大数据分析、生物信息学、网络安全、机器学习、攻击图和入侵检测系统。他在各类期刊和会议上发表论文 60 余篇。他担任过 70 多个国际会议的技术委员会成员。他与爱思唯尔、施普林格、泰勒-弗朗西斯等多家知名出版社合作编辑了 7 本书。他是 IEEE 高级会员和 ACM 高级会员，印度互联网协会海得拉巴分会理事会成员。Jabbar 博士曾获印度计算机学会孟买分会和印度理工学院孟买分校 FOSSEE 实验室颁发的最佳教师研究员奖。他荣获著名的 IEEE 计算机学会杰出贡献者称号。目前他担任 IEEE 计算机学会海得拉巴分会主席。



Xiaodong Xu

Professor, Central South University, China.

Research field: optimal control of intelligent systems and intelligent perception.

Dr. Xu is a professor at Central South University and a recipient of National Young Talent Program and Hunan Provincial Outstanding Young Talent Program. His research focuses on optimal control of intelligent systems and intelligent perception. He has presided over a number of national research projects including the National Natural Science Foundation of China and National Key R&D Program of China, and has published more than 80 journal papers. His research covers intelligent perception of power batteries, remote sensing image reconstruction, cooperative control of unmanned systems and other key technologies, with research achievements applied in smart agriculture and new energy equipment.



Chun Sing Lai

Professor, Tianjin University, China.

Research field: smart grid, energy system modeling, computational intelligence, and electric vehicle systems.

Prof. Chun Sing Lai received the B.Eng. (First Class Hons.) from Brunel University of London, and the D.Phil. degree in engineering science from the University of Oxford, UK, in 2019. He is a recipient of Excellent Young Scientists Fund (Overseas). He is a Senior Editor for IEEE Transactions on Consumer Electronics and an Associate Editor for IEEE Transactions on Systems, Man, and Cybernetics (IEEE/SMCS): Systems and IET Energy Conversion and Economics. Prof. Lai is recipient of IEEE SMC Early Career Award in 2025. He has co-authored "Smart Energy for Transportation and Health in a Smart City", IEEE Press/Wiley, 2023. He has contributed to seven journal papers that appear on Web of Science as Highly Cited Papers with three as the lead author. Since 2021, he is recognized as the top 2% of world active scientists by survey conducted by Stanford University. He is a Senior Member of the IEEE, UK Chartered Engineer, and Fellow of the Higher Education Academy, UK.



Kai Wang

Professor, Qingdao University, China.

Research field: New-type power systems, power system security defense, smart building energy, energy-storage devices, condition assessment, life prediction.

Kai Wang, Provincial-level High-level Leading Talent, Distinguished Professor of Mount Taishan, and Outstanding Postgraduate Supervisor of Shandong Province. He is an IET Fellow, IEEE Senior Member, and adjunct professor of the Chinese Academy of Sciences, Dalian University of Technology and China University of Petroleum. He has been listed in the Lifetime-impact Ranking of the World's Top 2% Scientists, Elsevier China Highly Cited Scholars, and Top 5% National Highly Cited Scholars. He is a Editor-in-Chief of Bulletin of Renewable and Sustainable Energy. He has received numerous provincial and international awards, including two Shandong Provincial Science and Technology Progress Awards. He has published more than 30 SCI papers and authored three monographs and textbooks.



Ning Wang

Professor, Dalian Maritime University, China.

Research field: self-learning autonomy, unmanned (marine) vehicles, and autonomous systems.

Dr. Wang was honored with the National High-level Talents Program for Young Top-notch Talents. He has published more than 200 SCI-indexed journal papers. He is a Fellow of IET, IMarEST, IIAV, and ISCM. He currently serves as Associate Editors of IEEE Transactions on Intelligent Transportation Systems, IEEE Transactions on Intelligent Vehicles, IEEE Signal Processing Letters, IEEE Systems Journal, Journal of Field Robotics, Ocean Engineering, International Journal of Robust and Nonlinear Control, ISA Transactions. He was recognized as the Highly Cited Researcher by Clarivate Analytics, the Highly Cited Chinese Researcher in Naval Architecture and Ocean Engineering by Elsevier, and the World's Top 2% Scientists (Career-Long Impact) by Elsevier and Stanford University.



Dimitrios A. Karras

Associate Professor, University of Athens (NKUA), Greece.

Research field: intelligent & distributed systems, multiagent systems, pattern recognition and computational intelligence, image & signal processing/systems, biomedical systems, communications and networking as well as security and sustainability applications.

Dr. Dimitrios A. Karras received his Diploma and M.Sc. Degree from the National Technical University of Athens (NTUA), Greece in 1985 and the Ph.D in Electrical Engineering, NTUA, Greece in 1995, with honors. He has published more than 80 research refereed journal papers in intelligent and distributed/multiagent systems, pattern recognition, image/signal processing and neural networks as well as in bioinformatics and more than 185 research papers in International refereed scientific Conferences. He has served as program committee member as well as program/general chair at several international workshops and conferences in signal, image, communication and automation systems. He has been cited in more than 2500 research papers, and his H/G-indices are 21/51 (Google Scholar) and his Erdos number is 5. His RG score is 31.94, in the highest 10% of scientific researchers.



Shen Yu

Lecturer, Dalian Jiaotong University, China.

Research Areas: Design of clean energy electricity trading mechanisms and bidding strategies.

Dr. Yu was honored with the titles of "Dalian Young Talent" and "Third-level Talent of Dalian Jiaotong University" in 2025. She has presided over one science and technology project funded by Liaoning Province and one specialized technical service project on multi-energy complementarity commissioned by the China Institute of Water Resources and Hydropower Research. She has also participated in multiple projects funded by the National Natural Science Foundation of China and commissioned by power grid and power generation enterprises. She has published over 10 papers in outstanding domestic and international energy and power journals.



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 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. He is an Associate Editor of the International Journal of Technology Enhanced Learning, and a member of Editorial Boards of three other international scientific journals. He has given 24 tutorials at international conferences, two in-house tutorials, and has participated as a presenter in a number of national and international seminars.



Neil Andrew Gordon

Professor, University of Hull, UK.

Research field: mathematics with computer science.

Neil Andrew Gordon is an advocate for the effective development and use of technology for teaching, and has worked on a number of projects with the AdvanceHE. He worked as a Research Assistant, initially on geometry and group theory, and later on solving differential equations and their applications in mathematical physics. He worked for some time as an Educational Technology Advisor, exploring and supporting the use of computer technology in teaching mathematics. In 2000, he began working as a lecturer in Computer Science. He was head of Computer Science from 2016 to 2018. He was the lead tutor for the Faculty of Science Foundation Year for several years, and has been the senior lead academic on a number of KTP projects. He is a regular chair or member of programme approval and review panels, of the Hull DARTE. Neil is chair of the British Computer Societies Ethics specialist group.



M. A. Jabbar

Professor and Head of the Department CSE(AI&ML), Vardhaman College of Engineering, India.

Research field: Artificial Intelligence, Big Data Analytics, Bio-Informatics, Cyber Security, Machine Learning, Attack Graphs, and Intrusion Detection Systems.

Dr. M. A. Jabbar obtained Ph.D. from JNTUH, Hyderabad, and Telangana, India. He has been teaching for more than 20 years. He published more than 60 papers in various journals and conferences. He served as a technical committee member for more than 70 international conferences. He edited 7 books with various leading publishers like Elsevier, Springer, and Taylor and Francis. He is a Senior Member of IEEE and Senior member ACM, Governing body member, Internet Society India Hyderabad Chapter. Dr. M. A. Jabbar Received best faculty researcher award from CSI Mumbai and FOSSEE Labs, IIT Bombay. He has been awarded with prestigious IEEE CS Distinguished contributor.

会议日程 2026 电气工程与计算机应用前沿国际会议

2026 International Conference on Advances in Electrical Engineering and Computer Applications

2026 年 10 月 9 日 大连和颐酒店（大连西安路地铁站店） 辽宁省大连市沙河口区黄河路 751 号	
15:00-18:00	会议报到
2026 年 10 月 10 日 大连交通大学（辽宁省大连市沙河口区黄河路 794 号） 腾讯会议室链接： https://meeting.tencent.com/dm/Fxq1ipQSEawj 腾讯会议室 ID：846-251-379	
08:00-08:45	会议报到
09:00-09:10	开幕式 主持人：李荣华，大连交通大学电气工程学院院长、党委副书记
09:10-09:20	开幕致辞 致辞嘉宾：王景川，大连交通大学校长助理
09:20-09:30	合影
09:30-10:00	特邀报告 1 徐晓东，中南大学教授，国家级青年人才 报告题目：智慧农业装备电池健康监测与农田遥感智能成像技术研究
10:00-10:30	特邀报告 2 王宁，大连海事大学教授，国家级青年人才 报告题目：海上风电支持船的数字智能：架构、自主性与保障
10:30-10:50	茶歇 墙报展示
10:50-11:20	特邀报告 3 王凯，青岛大学特聘教授、威海创新研究院副院长 报告题目：基于阻抗谱的锂离子电池健康状态自适应估计研究
11:20-11:50	特邀报告 4 赖俊升，天津大学英才教授，国家级青年人才 报告题目：智慧城市中城市空中交通的电气化
11:50-12:00	证书颁发 合影
12:00-13:30	午餐 午休
13:30-14:00	特邀报告 1 Dimitrios A. Karras，希腊雅典大学副教授 报告题目：构建负责任且合乎伦理的人工智能框架：进展与挑战
14:00-14:30	特邀报告 2 于申，大连交通大学讲师、大连市青年才俊、大连交通大学第三层次人才 报告题目：基于市场聚合供给曲线的梯级水电多省区月度投标曲线联合优化方法

14:30-15:00	特邀报告 3 Vladan Devedzic, 塞尔维亚贝尔格莱德大学教授 报告题目: 走进机器时代: 探寻人工智能驱动下科研全生命周期的变革
15:00-15:30	特邀报告 4 Neil Andrew Gordon, 英国赫尔大学教授 报告题目: 我们的未来: 智能世界中的人工智能、认知计算与人类能动性
15:30-16:00	特邀报告 5 M. A. Jabbar, 印度瓦尔达曼工程学院教授 报告题目: 生成式人工智能在医学影像中的应用解析
16:00-16:15	口头汇报 1 张谢童甲, 宁波诺丁汉大学 报告题目: 特征空间脉冲损坏下图像聚类的谱嵌入与 PCA 实证比较: 对光学检测的启示
16:15-16:30	口头汇报 2 陈志远, 诺丁汉大学马来西亚分校 报告题目: 图传播金融情绪: 一种可部署于消费级硬件的交易所交易基金预测流水线
16:30-16:45	口头汇报 3 王子蕙, 大连民族大学 报告题目: 面向视障人士的基于多模态感知与深度学习的导航系统
16:45-17:00	口头汇报 4 王海梦, 大连交通大学 报告题目: 基于变压器实时无功功率监测的地磁扰动阻塞装置研究
17:00-17:15	口头汇报 5 王鹏博, 广州华商学院 报告题目: 基于 A^* 算法与平流-扩散方程的处理后放射性废水跨洋输运路径及时域响应研究
17:15-17:30	口头汇报 6 郭来欣, 北方工业大学 报告题目: 风-光-储混合微电网协调控制策略实时仿真平台的建模与开发
17:30-17:45	口头汇报 7 张译丹, 大连交通大学 报告题目: 面向电网磁暴灾害安全评估的极端地磁扰动时序场景生成方法
17:45-18:00	口头汇报 8 孙建强, 海南大学 报告题目: 特定非线性薛定谔方程在光学介质二维空间中的光孤子演化
18:00-18:15	优秀颁奖 会议闭幕

Program 2026 电气工程与计算机应用前沿国际会议»

2026 International Conference on Advances in Electrical Engineering and Computer Applications

October 9, 2026	
Yitel Hotel (No. 751 Huanghe Road, Shahekou District, Dalian, Liaoning, China)	
15:00-18:00	Registration
October 10, 2026	
Dalian Jiaotong University (Address: 794 Huanghe Road, Shahekou District, Dalian, Liaoning Province, China)	
VooV Meeting Link: https://voovmeeting.com/dm/Fxq1ipQSEawj	
VooV Meeting ID: 846-251-379	
08:00-08:45	Registration
09:00-09:10	Opening Host: Prof. Ronghua Li, Dean of the School of Electrical Engineering, Dalian Jiaotong University, China
09:10-09:20	Opening Speech Opening Speech: Prof. Jingchuan Wang, Assistant to the President, Dalian Jiaotong University, China
09:20-09:30	Group Photo
09:30-10:00	Keynote Speech 1: Prof. Xiaodong Xu, Central South University, China Title: Research on Battery Health Monitoring of Smart Agricultural Equipment and Intelligent Imaging Technology of Farmland Remote Sensing
10:00-10:30	Keynote Speech 2: Prof. Ning Wang, Dalian Maritime University, China Title: Digital Intelligence of Offshore Wind Support Vessels: Architectures, Autonomy and Assurance
10:30-10:50	Tea Break & Poster
10:50-11:20	Keynote Speech 3: Prof. Kai Wang, Qingdao University, China Title: Research on Adaptive Estimation of Health Status of Lithium ion Batteries Based on Impedance Spectroscopy
11:20-11:50	Keynote Speech 4: Prof. Chun Sing Lai, Tianjin University, China Title: Electrification of Urban Air Mobility in Smart Cities
11:50-12:00	Awards & Photo
12:00-13:30	Lunch Break
13:30-14:00	Keynote Speech 1: Prof. Dimitrios A. Karras, University of Athens (NKUA), Greece Title: Advancements and Challenges in Developing a Framework for Responsible and Ethical AI
14:00-14:30	Keynote Speech 2: Dr. Shen Yu, Dalian Jiaotong University, China Title: Joint Optimization of Monthly Bidding Curves for Cascaded Hydropower in Multiple Provinces Based on Market Aggregated Supply Curve

14:30-15:00	Keynote Speech 3: Prof. Vladan Devedzic, University of Belgrade, Serbia Title: Welcome to the machine: Navigating the AI-driven transformation of the research lifecycle
15:00-15:30	Keynote Speech 4: Prof. Neil Andrew Gordon, University of Hull, UK Title: The Future of Us: AI, Cognitive Computing and Human Agency in an Intelligent World
15:30-16:00	Keynote Speech 5: Prof. M. A. Jabbar, Vardhaman College of Engineering, India Title: Demystifying Applications of Generative AI in Medical Imaging Applications
16:00-16:15	Oral Presentation 1 Xietongjia Zhang, University of Nottingham Ningbo China, China Title: An Empirical Comparison of Spectral Embedding and PCA for Image Clustering under Feature-Space Impulse Corruption: Implications for Optical Inspection
16:15-16:30	Oral Presentation 2 Zhiyuan Chen, University of Nottingham Malaysia, Malaysia Title: Graph Propagated Financial Sentiment: A Consumer-Hardware Deployable Pipeline for Exchange-Traded Fund Prediction
16:30-16:45	Oral Presentation 3 Zihui Wang, Dalian Minzu University, China Title: Multimodal Perception And Deep Learning Based Navigation System For Visually Impaired People
16:45-17:00	Oral Presentation 4 Haimeng Wang, Dalian Jiaotong University, China Title: Research on Geomagnetic Disturbance Blocking Device Based on Real-Time Transformer Reactive Power Monitoring
17:00-17:15	Oral Presentation 5 Pengbo Wang, Guangzhou Huashang College, China Title: Study on Transoceanic Transport Paths and Time Response of Treated Radioactive Wastewater Based on the A* Algorithm and Advection–Diffusion Equation
17:15-17:30	Oral Presentation 6 Laixin Guo, North China University of Technology, China Title: Modeling and development of a real-time simulation platform for coordinated control strategies in wind-solar-storage hybrid Microgrids
17:30-17:45	Oral Presentation 7 Yidan Zhang, Dalian Jiaotong University, China Title: Generating Extreme Time-Series Scenarios of Geomagnetic Disturbance for Power-Grid Risk Assessment
17:45-18:00	Oral Presentation 8 Jianqiang Sun, Hainan University, China Title: Evolution of Optical Solitons of the Specific Nonlinear Schrödinger Equation in Space 2D of Optical Medium
18:00-18:15	Awards & Closing

会议地点 2026 电气工程与计算机应用前沿国际会议

2026 International Conference on Advances in Electrical Engineering and Computer Applications

会议地点：大连交通大学沙河口校区（大连市沙河口区黄河路 794 号）

会场：大连交通大学图书馆多功能厅

午餐地点：大连交通大学学子餐厅 3 楼

交通：大连交通大学距离大连周水子国际机场 5.5 公里；距离地铁 2 号线 200 米。



Conference Venue: Dalian Jiaotong University Shahekou Campus (Address: No. 794 Huanghe Road, Shahekou District, Dalian, Liaoning Province, China)

Venue: Library Multifunctional Hall, Dalian Jiaotong University

Lunch Location: Third Floor of Dining Hall

Traffic: Dalian Jiaotong University is 5.5 km from Dalian Zhoushuizi International Airport; 200 meters from Metro Line 2.



