

## 会议日程

### Conference Program

2024年10月25日, 周五/ October 25, 2024, Friday	
西安吉源国际酒店/ Jiyuan International Hotel 签到处/ Sign-in Desk: 一楼大堂/1F Hotel Lobby	
时间/Time	内容/Activity
14:30-17:30	注册签到 Registration
2024年10月26日, 周六/ October 26, 2024, Saturday (08:30)	
主会场/ Main Venue: 一楼吉瑞厅/1F Jirui Hall	
08:00-08:30	注册签到 Registration
08:30-08:40	开幕式&大会致辞 Opening Ceremony & Address
08:40-08:50	大会合影 Group Photo
大会报告 Plenary Lecture	
08:50-09:20	<b>李智 教授, 西安电子科技大学</b> Prof. Zhi Li, Xidian University, China 报告题目: 具有切换拓扑的协同控制 Title: Cooperative control for multi-agent systems with switching topologies
09:20-09:50	<b>李友福 教授, 香港城市大学</b> Prof. Youfu Li, City University of Hong Kong, Hong Kong, China 报告题目: 机器人应用中的视觉跟踪 Title: Visual tracking for robotic applications
09:50-10:20	<b>杨秦敏 教授, 浙江大学</b> Prof. Qinmin Yang, Zhejiang University, China 报告题目: 大规模风电应用中的智能控制技术研究 Title: Theoretical research and practice in intelligent control design for wind energy
10:20-10:40	茶歇&海报评选 Tea Break & Poster Voting

## 会议日程

### Conference Program

主会场 / Main Venue: 一楼吉瑞厅 / 1F Jirui Hall	
大会报告 Plenary Lecture	
10:40-11:10 (Australian time: 13:40-14:10)	<p><b>Saman K. Halgamuge 教授, 墨尔本大学</b> Prof. Saman K. Halgamuge, The University of Melbourne, Australia</p> <p>报告题目: 人工智能在可持续能源中的新兴作用: 从屋顶太阳能板发电量预测、浅层热能利用到电动汽车能源管理 Title: Emerging Role of AI in Sustainable Energy: From forecasting the solar generation of rooftop solar panel, use of Shallow Thermal Energy to Energy Management in Electric Vehicles</p>
11:10-11:40	<p><b>章坚民 教授, 杭州电子科技大学</b> Prof. Jianmin Zhang, Hangzhou Dianzi University, China</p> <p>报告题目: 新型电力系统面临自然灾害的碳排增加估计 Title: The estimation of carbon emission increasing of new power system by natural disasters</p>
11:40-12:10	<p><b>Pavel Loskot 副教授, 浙江大学伊利诺伊大学厄巴纳香槟校区联合学院</b> Assoc. Prof. Pavel Loskot, Zhejiang University - University of Illinois Urbana Champaign Institute, China</p> <p>报告题目: 多元函数的万能近似定理 Title: Universal Approximators of Multivariate Functions</p>
12:10-12:15	颁奖 Award Ceremony
12:15-14:00	午餐&休息 Lunch & Break
14:00-17:45	<p>口头报告 Oral Presentation</p> <p>分论坛一: 五楼名思厅 / Sub-venue 1: 5F Mingsi Hall 分论坛二: 五楼名德厅 / Sub-venue 2: 5F Mingde Hall</p>
17:45-18:00	颁奖&闭幕式 Award & Closing Ceremony

会议日程

Conference Program

2024年10月26日，周六/ October 26, 2024, Saturday (14:00)	
分论坛一/ Sub-venue 1: 五楼名思厅/5F Mingsi Hall	
口头报告 Oral presentation	
14:00-14:15	董超，中国空间技术研究院西安分院 Dong Chao, China Academy of Space Technology(Xi'an) Title: Design of a Data Distribution System for High Earth Orbit Satellites
14:15-14:30	田好雨，浙江浙能数字科技有限公司 Haoyu Tian, Zhejiang Energy Digital Technology Co., Ltd. Title: Leveraging Spatial Information with MobileViT for Enhanced Microwave Measurement
14:30-14:45	何怡君，上海市质量监督检验技术研究院 Yijun He, Shanghai Institute of Quality Inspection and Technical Research Title: Research on the Influence of Typical Climatic Test Sequence on Smart Power Pipeline Corridor Sensor
14:45-15:00	王伟杰，上海大学 Weijie Wang, Shanghai University Title: Research on Low Speed Control Strategy of PMSM Drive System Based on MMC
15:00-15:15	董红谦，西安邮电大学 Hongqian Dong, Xi'an University of Posts and Telecommunications Title: A trimming circuit design with pre-trim and fuse protection
15:15-15:30	苏江丹，北京石油化工学院 Jiangdan Su, Beijing Institute of Petrochemical Technology Title: Simulation of LED sorting control based on feedforward filter compensation
15:30-15:45	魏鹏远，西安航天动力测控技术研究所 Pengyuan Wei, Xi'an Aerospace Propulsion Testing Technology Research Institute Title: Position Servo Control Algorithm Based on Optimal Solution Analysis of Motion Control
15:45-16:00	茶歇 Tea Break

会议日程

Conference Program

分论坛一 / Sub-venue 1: 五楼名思厅 / 5F Mingsi Hall	
口头报告 Oral presentation	
16:00-16:15	苗青青, 西安工程大学 Qingqing Miao, Xi 'an Polytechnic University Title: Research on the Mechanism of High Voltage Cable Buffer Layer Ablation Fault
16:15-16:30	吴思锴, 国防科技大学 Sikai Wu, National University of Defense Technology Title: A UAV Detection and Countermeasures Strategy Evaluation System based on AHP
16:30-16:45	赵磊, 广西大学 Lei Zhao, Guangxi University Title: Personnel Detection Algorithm Based on Spatiotemporal Mapping Event Frames
16:45-17:00	刘利民, 广西大学 Limin Liu, Guangxi University Title: A UAV Released Hanging on Solution towards Powerline Maintenance Robot
17:00-17:15	董宪法, 北京石油化工学院 Xianfa Dong, Beijing Institute of Petrochemical Technology Title: Online Microscopic Imaging Combined with Machine Learning Image Processing for Online Monitoring of Mineral Froth Flotation Process
17:15-17:30	邸亚男, 北京信息科技大学 Yanan Di, Beijing Information Science & Technology University Title: Research on virtual inertia of three-phase grid connected converter based on filter
17:30-17:45	胡思源, 武汉理工大学 Siyuan Hu, Wuhan university of Technology Title: An Integrated Approach for Tolerance Synthesis of a Spiral Bevel Gearbox
17:45-18:00	张恩旭, 西京学院 Enxu Zhang, Xijing University Title: A deep learning-based method for identifying tomato leaf diseases
18:00-18:15	颁奖&闭幕式 Award & Closing Ceremony

## 会议日程

### Conference Program

2024年10月26日，周六 / October 26, 2024, Saturday (14:00)	
分论坛二 / Sub-venue 2: 五楼名德厅 / 5F Mingde Hall	
口头报告 Oral presentation	
14:00-14:15	于明湖，广州航海学院 Minghu Yu, Guangzhou Maritime University Title: Harmonics traceability analysis and suppression of electromagnetic noise in fractional slot permanent magnet synchronous motors
14:15-14:30	付连芳，航天恒星科技有限公司 Lianfang Fu, Space Star Technology Co., Ltd. Title: Design and Application of Fast Phase Calibration For Tracking Satellite At Remote Sensing Ground Station
14:30-14:45	曾威，西安石油大学 Wei Zeng, Xi'an Shiyou University Title: Influence of Ultrasonic Vibration-Assisted Rail Grinding Process Parameters on Grinding Temperature
14:45-15:00	杨佳，武汉理工大学 Jia Yang, Wuhan University of Technology Title: Assessment of Power Battery Health in New Energy Vehicles Through Driving Data Analytics
15:00-15:15	王宇，长春理工大学 Yu Wang, Changchun University of Science and Technology Title: The Image Encryption Method Based on Chaotic Systems and Ghost Imaging with Deep Learning Decryption
15:15-15:30	池骛，武汉理工大学 Ao Chi, Wuhan University of Technology Title: Hierarchical Estimation of Vehicle Key Parameters
15:30-15:45	李艺凡，上海海事大学 Yifan Li, Shanghai Maritime University Title: Fault Diagnosis Study of Shipboard Zonal Distribution Power System Based on Convolutional Neural Network Driven by Feature Fusion Strategy
15:45-16:00	茶歇 Tea Break

会议日程

Conference Program

分论坛二 / Sub-venue 2: 五楼名德厅 / 5F Mingde Hall	
口头报告 Oral presentation	
16:00-16:15	杨子瑶, 陕西科技大学 Ziyao Yang, Shaanxi University of Science and Technology Title: Semi-supervised medical image segmentation based on suspicious pixel mutual correction
16:15-16:30	沈凯, 西北机电工程研究所 Kai Shen, Northwest Institute of Mechanical & Electrical Engineering Title: BP Neural Network PID Control of Servo System based on Dung Beetle Optimization Algorithm
16:30-16:45	林少雄, 陕西科技大学 Shaoxiong Lin, Shaanxi University of Science and Technology Title: Dynamic sparse encoding and cross-temporal attention for remote sensing image change detection
16:45-17:00	关俊辉, 长安大学 Junhui Guan, Chang'an University Title: Three-Stage Progressive Residual Network For Single Image Deraining
17:00-17:15	周帅, 内蒙古科技大学 Shuai Zhou, Inner Mongolia University of Science & Technology Title: Improved single-current weak magnetic control strategy for IPMSM in electric vehicles
17:15-17:30	刘骥滔, 广西大学 Qitao Liu, Guangxi University Title: Optimal Dispatch of Integrated Energy System Considering Dynamic Efficiency of Electrolyzer
17:30-17:45	马鸣远, 华南理工大学 Mingyuan Ma, South China University of Technology Title: Simulation and Analysis of Dynamic Characteristics of Deep Groove Ball Bearings in Axial Piston Pumps
17:45-18:00	李飞, 西京学院 Fei Li, Xijing University Title: Research and implementation of surface defect detection algorithm for lightweight steel based on SDN-YOLO
18:00-18:15	颁奖&闭幕式 Award & Closing Ceremony