



# IMA 2026

## 第九届智能制造与自动化国际学术会议

2026 9<sup>th</sup> International Conference on Intelligent Manufacturing and Automation



## 会议议程

Conference Agenda



》2026年1月17日（周六）/January 17, 2026 (Saturday)

会议地点：南京天丰大酒店，7楼丰贤厅

Venue: Fengxian Hall, 7th Floor, Nanjing Tianfeng Hotel

Zoom ID: 816 3041 7669 Password: 260117

时间/Time	议程/Agenda
08:30-09:00	注册签到 Sign-in
09:00-09:10	开幕式、嘉宾致辞 Opening Ceremony & Welcome Address
09:10-09:15	会议合影 Group Photo
主讲报告 Keynote Speech	
09:15-09:50	<p>胡俊辉 教授，南京航空航天大学 Prof. Junhui Hu, Nanjing University of Aeronautics and Astronautics, China 报告题目：声学流控制与应用的最新进展 Speech Title: Recent Progress in Utilization and Control of Acoustic Streaming</p>
09:50-10:25	<p>向嵘嵘 教授，南京理工大学 Prof. Zhengrong Xiang, Nanjing University of Science and Technology, China 报告题目：水空两栖无人飞行器集群的智能感知与协同控制 Speech Title: Intelligent Perception and Cooperative Control of Amphibious Unmanned Aerial and Surface Vehicle Swarms</p>
10:25-10:45	茶歇、海报展示 Tea Break & Poster Presentation
10:45-11:20	<p>王延杰 教授，河海大学 Prof. Yanjie Wang, Hohai University, China 报告题目：水电站水下坝体检测的多机协作机器人系统研究 Speech Title: Multi-Robot Collaborative System for Underwater Dam Inspection in Hydropower Stations</p>
11:20-11:55	<p>宗广灯 教授，天津工业大学 Prof. Guangdeng Zong, Tiangong University, China 报告题目：待确认 Speech Title: TBD</p>
11:55-12:30	<p>易辉 教授，南京工业大学 Prof. Hui Yi, Nanjing Tech University, China 报告题目：工业智能技术及其在电力环保中的应用 Speech Title: Industrial Intelligent Technology and Its Applications in Power Environmental Protection</p>



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12:30-14:00	午餐、午休 Lunch & Break
主讲报告 Keynote Speech	
14:00-14:35 (Pakistan Time: 11:00-11:35)	<b>Ahmed Zeeshan 教授, 巴基斯坦国际伊斯兰大学 (Online)</b> Prof. Ahmed Zeeshan, International Islamic University, Pakistan 报告题目: 基于混沌流体动力学的安全图像加密算法开发 Speech Title: Development of a Secure Image Encryption Algorithm Inspired by Chaotic Fluid Flow Dynamics
14:35-15:10	<b>李猛 副研究员, 电子科技大学 (Online)</b> Associate Researcher Meng Li, University of Electronic Science and Technology of China, China 报告题目: 扰动及网络攻击下远程伺服电机系统安全控制 Speech Title: Secure Control of Remote Servo Motor Systems under Disturbances and Cyber Attacks
15:10-15:25	茶歇 Tea Break
口头报告 Oral Presentation	
15:25-15:35	<b>于晓峰, 南京航空航天大学</b> Xiaofeng Yu, Nanjing University of Aeronautics and Astronautics, China 报告题目: 激光与视觉融合的齿面烧伤量化方法 Speech Title: Gear Grinding Burn Defect Detection Based on Machine Vision
15:35-15:45	<b>李木, 山东大学</b> Mu Li, Shandong University, China 报告题目: 大扰动下无功功率下垂系数和功率角稳定性分析 Speech Title: Analysis of Reactive Power Droop Coefficient and Power Angle Stability Under Large Disturbances
15:45-15:55	<b>张鑫乐, 南京航空航天大学</b> Xinle Zhang, Nanjing University of Aeronautics and Astronautics, China 报告题目: 基于AFP-RRT*-Connect的无人机回收机械臂路径规划 Speech Title: Path Planning for UAV Airborne Recovery Manipulators Using AFP-RRT*-Connect
15:55-16:05	<b>吴佳璇, 同济大学</b> Jiaxuan Wu, Tongji University, China 报告题目: 一种用于电解槽系统三维布局自动化优化的双保真度强化学习框架 Speech Title: A Dual-Fidelity Reinforcement Learning Framework for Automated 3D Layout Optimization of Electrolyzer Systems



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口头报告 Oral Presentation	
16:05-16:15	<p>李坤，西安交通大学 Kun Li, Xi'an Jiaotong University, China 报告题目：于标量场的卷积神经网络刀具路径生成方法 Speech Title: A Scalar Field-Based Toolpath Generation Method Using Convolutional Neural Network</p>
16:15-16:25	<p>高诗哲，辽宁工程技术大学 Shizhe Gao, Liaoning Technical University, China 报告题目：基于不同优先级的双机器人协作轨迹规划 Speech Title: Dual-robot collaboration trajectory planning based on different priorities</p>
16:25-16:35	<p>孔德山，北京广利核系统工程有限公司 Deshan Kong, Beijing Guangli Nuclear System Engineering Co., Ltd., China 报告题目：DCS系统自动化测试技术的研究与应用 Speech Title: Research and Application of DCS System Automation Testing Technology</p>
16:35-16:45	<p>张京利，山东大学 Jingli Zhang, Shandong University, China 报告题目：基于串联电容补偿的电动汽车无线充电能信同传系统设计 Speech Title: Design of a Simultaneous Wireless Power and Data Transfer System for Electric Vehicles Based on Series Capacitor Compensation</p>
16:45-16:55	<p>李静，郑州航空工业管理学院 Jing Li, Zhengzhou University of Aeronautics, China 报告题目：基于局部模型筛选和加权的自适应组合代理模型 Speech Title: An Adaptive Ensemble of Surrogate Models Based on Local Model Screening and Weighting</p>
16:55-17:05	<p>祁欣怡，航空工业一飞院 Xinyi Qi, AVIC the First Aircraft Institute, China 报告题目：基于TMAPF-IPSO的无人机随机探测航线规划 Speech Title: UAV Random Detection Path Planning based on TMAPF-IPSO Algorithm</p>
17:05-17:15	<p>崔馨月，上海海事大学 Xinyue Cui, Shanghai Maritime University, China 报告题目：面向仿真构建与动态评估的船舶安全智慧培训系统研究与实现 Speech Title: Research and Implementation of an Intelligent Training System for Ship Safety Oriented towards Simulation Construction and Dynamic Assessment</p>
17:15-17:30	闭幕式 Closing Ceremony