# 大会议程
## Conference Program

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| **会议时间**：2025 年 3 月 21-23 日 \| **Conference Time: March 21-23, 2025** |
| **会议地点**：南京天丰大酒店-5 楼丰硕 1.2 厅 \| **Venue: Nanjing Tianfeng Hotel-Halls 1.2, Fengshuo, 5th Floor** |
| **签到地点**：1 楼酒店大堂 \| **Registration Venue: 1F Hotel Lobby** |
| **签到时间**：2025 年 3 月 21 日下午 14:00-17:00 \| **Registration Time: 14:00–17:00, March 21, 2025** |
| **用餐地点**：南京天丰大酒店-4 楼天寿厅 \| **Dining Venue: Nanjing Tianfeng Hotel-Tianshou Hall, 4th Floor** |
| **线上账号**：833 9537 9760 \| **Zoom ID: 833 9537 9760** |
| **账号密码**：250322 \| **Password: 250322** |

### *2025-03-21*

| 时间 \| Time | 活动 \| Activity | 地点 \| Venue |
|---|---|---|
| 14:00-17:00 | 大会签到 \| Registration | 1 楼酒店大堂 1F Hotel Lobby |

### *2025-03-22*

| 时间 \| Time | 活动 \| Activity | 地点 \| Venue |
|---|---|---|
| 8:30-8:55 | 大会签到 \| Registration | 1 楼酒店大堂 1F Hotel Lobby |
| 9:00-9:03 | 开幕式 \| Opening Ceremony | 5 楼丰硕 1.2 厅 Halls 1.2, Fengshuo, 5th Floor |
| 9:03-9:05 | 大会合照 \| Group photo | |
| **大会报告 \| Plenary Lecture** | | |
| 9:05-9:40 | 敖金平教授，江南大学<br>国家高层次人才，国家十三五重点研发计划首席科学家<br>题目：基于 GaN 技术的低功率微波无线供电技术<br>Prof. Jinping Ao, Jiangnan University, China<br>National High-Level Talent, Chief Scientist, National Key R&D Program of China (13th Five-Year Plan)<br>Title: GaN-based low-power microwave wireless charging technology | 5 楼丰硕 1.2 厅 Halls 1.2, Fengshuo, 5th Floor |
| 9:40-10:15 | 刘涛教授，浙江大学<br>浙江大学精密工程与微纳技术研究所所长<br>Prof. Tao Liu, Zhejiang University, China<br>Director, Institute of Precision Engineering and Micro/Nano Technology, Zhejiang University<br>Title: Wearable Gait Analysis and its Applications to Life-support Systems | |

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|---|---|---|
| 10:15-10:45 | 茶歇&海报展示&海报评选<br>Coffee Break, Poster Session, and Poster Judging | 5 楼丰硕 1.2 厅<br>Halls 1.2, Fengshuo, 5th Floor |
| **大会报告 ｜Plenary Lecture** | | |
| 10:45-11:20 | 陈艳姣研究员，浙江大学<br>中国科协青年人才托举工程入选者，达摩院"青橙奖最具潜力奖"<br>题目：深度学习模型后门攻击检测防护<br>Dr. Yanjiao Chen, Research Fellow, Zhejiang University, China<br>Recipient, Young Elite Scientists Sponsorship Program (China Association for Science and Technology), DAMO Academy "Young Fellow Potential Award"<br>Title: Backdoor Attack Detection for Deep Learning Models | 5 楼丰硕 1.2 厅<br>Halls 1.2, Fengshuo, 5th Floor |
| 11:20-11:55 | 杨明教授，贵州大学<br>Prof. Ming Yang, Guizhou University, China<br>Title: Monocular vision-based dynamic metrology and application of vibration sensors in a wide frequency range | |
| 11:55-14:00 | 午餐&休息 ｜Lunch Break | 4 楼天寿厅<br>Tianshou Hall, 4th Floor |
| **大会报告 ｜Plenary Lecture** | | |
| 14:00-14:35 | 董波教授，深圳技术大学<br>Prof. Bo Dong, Shenzhen Technology University, China<br>Title: Tactile Sensor Based on Flexible Thin Film Bulk Acoustic Resonator (FBAR) | 5 楼丰硕 1.2 厅<br>Halls 1.2, Fengshuo, 5th Floor |
| **口头报告 ｜Oral Presentation** | | |
| **Session 1: 传感器技术与智能监测系统 ｜Sensor Technology and Intelligent Monitoring Systems** | | |
| 14:35-14:45 | 张淏龙，中机精密成形产业技术研究院（安徽）股份有限公司<br>Haolong Zhang, Cmc Precision Forming Industry Technology Research Institute (Anhui) Co., Ltd.<br>Title: Design of an HP-RTM Flow Monitoring System Based on Embedded Capacitive Sensors | 5 楼丰硕 1.2 厅<br>Halls 1.2, Fengshuo, 5th Floor |
| 14:45-14:55 | 张睿泽，上海理工大学<br>Ruize Zhang, University of Shanghai for Science and Technology, China<br>Title: Flexible Thin Film Thermopiles Based on In-situ Metal Growth on Polyimide Substrate | |

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| **口头报告｜Oral Presentation** | | |
| 14:55-15:05 | 商文玲，中国科学院苏州纳米技术与纳米仿生研究所<br>Wenling Shang, Suzhou Institute of Nano-Tech and Nano-Bionics (SINANO), CAS<br>Title: Reconfigurable ScAlN Piezoelectric Micromachined Ultrasonic Transducer Arrays for Range Finding | 5 楼丰硕 1.2 厅<br>Halls 1.2, Fengshuo, 5th Floor |
| 15:05-15:15 | 黄若瑶，深圳大学<br>Ruoyao Huang, Shenzhen University, China<br>Title: GaN/PDMS-based Opto-Electro-Mechanical Tactile Sensor | |
| 15:15-15:25 | 卞学凡，重庆理工大学<br>Xuefan Bian, Chongqing University of Technology, China<br>Title: A small-size linear encoder based on eddy current effect | |
| **Session 2: 无线通信、网络安全与网络优化｜Wireless Communications, Cybersecurity, and Network Optimization** | | |
| 15:25-15:35 | 陈盈，东南大学<br>Ying Chen, Southeast University, China<br>Title: RF Fingerprint Extraction Method Based on Channel Reciprocity | 5 楼丰硕 1.2 厅<br>Halls 1.2, Fengshuo, 5th Floor |
| 15:35-15:45 | 赵劭宇，河北大学<br>Shaoyu Zhao, Hebei University, China<br>Title: Unsupervised Lightweight Intrusion Detection Using Federated Learning for Heterogeneous Network Environments | |
| 15:45-15:55 | 张俊哲，南京理工大学<br>Junzhe Zhang, Nanjing University of Science and Technology, China<br>Title: Research on Tor over Socks5 Proxy Anonymous Communication Behavior Reconition | |
| 15:55-16:05 | 张凌睿，巴黎中央理工-高等电力学院<br>Lingrui Zhang, CentraleSupélec, France<br>Title: Evaluating the Influence of Satellite Systems on Terrestrial Networks: Analyzing S-Band Interference | |
| 16:05-16:15 | 刘方园，福建师范大学<br>Fangyuan Liu, Fujian Normal University, China<br>Title: An Efficient UAV Cache File Cooperative Response Algorithm Based on Greedy Graph Coloring | |

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| | **口头报告 ｜Oral Presentation** | |
| 16:15-16:35 | 茶歇&海报展示 ｜Coffee Break and Poster Session | **5 楼丰硕 1.2 厅**<br>Halls 1.2, Fengshuo,<br>5th Floor |
| **Session 3：计算机视觉与图像处理 ｜Computer Vision and Image Processing** | | |
| 16:35-16:45 | 吴欣然，安徽新华学院<br>Xinran Wu, Anhui Xinhua University, China<br>Title: Learning to Restore Fire Smoke Monitoring Images: A Dataset and A Transformer-based Method | **5 楼丰硕 1.2 厅**<br>Halls 1.2, Fengshuo,<br>5th Floor |
| 16:45-16:55 | 赵薇，宁夏大学<br>Xinran Wu, Ningxia University, China<br>Title: No Reference Image Quality Assessment based on Deep Feature Enhancement and Transformer | |
| 16:55-17:05 | 林虹雨，山东华宇工学院<br>Hongyu Lin, Shandong Huayu University of Technology, China<br>Title: Lightweight Multidimensional Adaptive Stylized Shadow Generation Based on Directional Edge Detection | |
| 17:05-17:15 | 夏洁，南昌航空大学<br>Jie Xia, Nanchang Hangkong University, China<br>Title: An embedded deep learning method for glass insulator detection | |
| 17:15-17:25 | 朱仁信，安徽大学<br>Renxin Zhu, Anhui University, China<br>Title: A polarization reconfigurable antenna based on dual SIW cavity | |

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| | **口头报告 ｜Oral Presentation** | |
| | **Session 4：材料科学、器件与信号处理 ｜Materials Science, Device Engineering, and Signal Processing** | |
| 17:25-17:35 | 肖浏，长春理工大学<br>Liu Xiao, Changchun University of Science and Technology, China<br>Title: Study and optimisation of preparation of sulphur compounds in photodetectors | **5 楼丰硕 1.2 厅**<br>Halls 1.2, Fengshuo, 5th Floor |
| 17:35-17:45 | 张晓燕，北京石油化工学院<br>Xiaoyan Zhang, Beijing Institute of Petrochemical Technology, China<br>Title: Target motion direction recognition based on RSSI time series | |
| 17:45-17:55 | 樊森草，北京石油化工学院<br>Sencao Fan, Beijing Institute of Petrochemical Technology, China<br>Title: Research on RSSI-Based Event Detection Algorithm | |
| 17:55-18:05 | 李灵锋，苏州大学<br>Lingfeng Li, Soochow University, China<br>Title: A replenishing signal Hadamard transform ion mobility spectrometry with a tri-state ion shutter | |
| 18:05-18:15 | 颁奖仪式 ｜Awards Ceremony | |
| 18:15-18:20 | 闭幕式 ｜Closing Ceremony | |
| 18:30-19:30 | 晚宴 ｜Dinner Banquet | **4 楼天寿厅**<br>Tianshou Hall, 4th Floor |