PART

04

大 会 议 程
Conference Agenda

大会议程-主会场
Conference Agenda

2024年10月18日　October 18, 2024 地点：方菜国际大酒店(合肥经开区店)一楼大厅 Venue: Fanglai International Hotel (Hotel lobby)		
时间 Time	议程 Program	汇报题目 Title
14:00-17:00	报到注册 Sign in	
2024年10月19日-上午　October 19, 2024 - Morning 地点：方菜国际大酒店(合肥经开区店)-三楼2号厅 Venue: Fanglai International Hotel (Second Hall, 3rd Floor)		
08:00-08:30	报到入场 Sign in	
08:30-08:50	开幕式&大会致辞 Opening Ceremony & Address	
08:50-08:55	合影留念 Group Photo	
大会报告 Plenary Lecture		
08:55-09:30	Plenary Lecture 1 陈义明 教授，新加坡南洋理工大学 Prof. I-Ming Chen, Nanyang Technological University, Singapore	Perception and Learning in Manufacturing, Logistics and Hospital Supply Systems
09:30-10:05	Plenary Lecture 2 杨桂林 研究员，中国科学院宁波材料技术与工程研究所 Prof. Guilin Yang, Ningbo Institute of Materials Technology & Engineering, Chinese Academy of Sciences, China	Advanced Industrial Robotics and Applications
10:05-10:25	茶歇、海报展示 Tea Break & Poster Presentation	
10:25-11:00	Plenary Lecture 3 张宪民 教授，华南理工大学 Prof. Xianmin Zhang, South China University of Technology, China	Robot Based Adaptive Assembly System for Micro-parts
11:00-11:35	Plenary Lecture 4 吴新宇 研究员，中国科学院深圳先进技术研究院 Prof. Xinyu Wu, Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences, China	Development and Reflections on Exoskeleton Robotics

	大会报告 Plenary Lecture	
11:35-12:10	Plenary Lecture 5 **白绍平** 教授，奥尔堡大学（丹麦） Prof. Shaoping Bai, Aalborg University, Denmark	Development of wearable technologies for human-robot interaction research and applications
12:10-14:00	午餐&休息 Lunch & Break	
	2024年10月19日-下午 October 19, 2024 - Afternoon 地点：方莱国际大酒店(合肥经开区店)-负一楼多功能厅 **Venue: Fanglai International Hotel (Multi-Function Hall, B1)**	
14:00-15:00	圆桌论坛 Roundtable Forum	
15:00-15:20	茶歇 Tea Break	

大会议程-分会场一
Conference Agenda

分会场一：口头汇报 Sub-Venue I: Oral presentation		
地点：方菜国际大酒店-负一楼多功能厅 Fanglai International Hotel (Multi-Function Hall, B1)		
时间 Time	议程 Program	汇报题目 Title
口头汇报 Oral Presentation		
15:20-15:30	Oral presenter 1 张浩，西安航空工业计算技术研究所 Hao Zhang, Xi'an Aeronautics Computing Technology Research Institute	A Strategy for Airborne Distributed Parallel Data Transmission Based on FPGA
15:30-15:40	Oral presenter 2 于园鑫，阿里巴巴达摩院 Yuanxin Yu, Alibaba DAMO Academy	Learning to Configure Hyperparameters in Solving Unit Commitment Problems with Mixed Integer Linear Programming Solvers
15:40-15:50	Oral presenter 3 侯琪琛，红塔集团玉溪卷烟厂 Qichen Hou, Yuxi Cigarette Factory, Hongta Tobacco Group Co., Ltd.	Research and Application of Screening Technology Based on Sine Basis Functions in the Screening of Tobacco Scraps and Stems
15:50-16:00	Oral presenter 4 汪伟，合肥大学 Wei Wang, Hefei University	Adaptive Robust Control Method for Joint Flexibility of Collaborative Robots Based on Uncertainty
16:00-16:10	Oral presenter 5 钟明升，安徽大学 Mingsheng Zhong, Anhui University	A Multifunctional Three-Finger Soft Gripper for Dexterous Operation
16:10-16:20	Oral presenter 6 孙浩源，中国科学院宁波材料技术与工程研究所 Haoyuan Sun, Ningbo Institute of Materials Technology & Engineering, CAS	3-PPSPR parallel mechanism workspace analysis and dimension optimization
16:20-16:30	Oral presenter 7 周育华，广东工业大学 Yuhua Zhou, Guangdong University of Technology	Performance-Driven Multi-Objective Optimization Design of Modular Robot Manipulators

分会场一：口头汇报 Sub-Venue I: Oral presentation		
时间 Time	议程 Program	汇报题目 Title
口头汇报 Oral Presentation		
16:30-16:40	Oral presenter 8 程鑫，合肥大学 Xin Cheng，Hefei University	Uncertainty-based position-constrained tracking control of spacecraft solar sail drive motors
16:40-16:50	Oral presenter 9 郭贺，中国科学院宁波材料技术与工程研究所 He Guo, Ningbo Institute of Materials Technology & Engineering, CAS	Vibration Analysis of Flexible Joints under Variable Rotational Conditions Using Synchronous Sampling
16:50-17:00	闭幕 Closing Ceremony	
17:30-20:00	颁奖晚宴 Dinner & Awarding Ceremony	

大会议程-分会场二
Conference Agenda

分会场二：口头汇报 Sub-Venue II: Oral presentation		
地点：方莱国际大酒店-负一楼小会议室 Fanglai International Hotel (Small Conference Room, B1)		
时间 Time	议程 Program	汇报题目 Title
口头汇报 Oral Presentation		
15:20-15:30	Oral presenter 1 陈烽民，广东工业大学 Fengmin Chen, Guangdong University of Technology	Multi-Metrics Trajectory Optimization of Industrial Manipulators for Pick-and-Place Tasks
15:30-15:40	Oral presenter 2 薛辰浩，北京信息科技大学 Chenhao Xue, Beijing Information Science & Technology University	Attention-LSTM for Intelligent Detection of Thermally Grown Oxide Layer using Terahertz Time-Domain Spectroscopy
15:40-15:50	Oral presenter 3 孔垂鑫，广州大学 Chuixin Kong, Guangzhou University	Research on autonomous planning of fabric loading robot based on intelligent control system design
15:50-16:00	Oral presenter 4 杨洛辰，宁波大学 Luochen Yang, Ningbo University	MPC Tracking Control of Omnidirectional Mobile Robot with Decoupled Powered Caster Wheels
16:00-16:10	Oral presenter 5 张李诚，江西理工大学 Licheng Zhang, Jiangxi University of Science and Technology	3 DOF Force-Controlled End Effector Kinematics Dynamics Modeling and Control
16:10-16:20	Oral presenter 6 徐准，同济大学 Zhun Xu, Tongji University	Transaction Assignment Policy in Double-deep SBS/RSs by Using Deep Q-Learning
16:20-16:30	Oral presenter 7 许伟，青岛大学 Xu Wei, Qingdao University	Mechanical structure design of lower limb rehabilitation training robot

分会场二：口头汇报 Sub-Venue II: Oral presentation		
时间 Time	议程 Program	汇报题目 Title
口头汇报 Oral Presentation		
16:30-16:40	Oral presenter 8 董世茂，南京航空航天大学 Shimao Dong, Nanjing University of Aeronautics and Astronautics	Frequency-Division Relay Method for Indoor Positioning Using Satellite Navigation Signals
16:40-16:50	Oral presenter 9 毛琳，杭州电子科技大学 Lin Mao, Hangzhou Dianzi University	A Fault Diagnosis Method Based on Feature Engineering and TranFD for Battery Packs
16:50-17:00	闭幕 Closing Ceremony	
17:30-20:00	颁奖晚宴 Dinner & Awarding Ceremony	