

Conference Agenda

◆ 会议议程 ◆

时间/Time	活动/Activity	演讲题目/Title
2024年11月08日（星期五） November 08, 2024 (Friday) 广州德舜大厦A塔（广州市番禺区南村镇汉溪大道东379号）		
13:00-17:30	现场签到 Sign in	
2024年11月09日（星期六） November 09, 2024 (Saturday) 广州德舜大厦A塔5楼2号路演厅		
08:30-09:00	现场签到 Sign in	
09:00-09:05	开幕式 Opening Ceremony	
09:05-09:10	大会主席致辞-李烈军院士，华南理工大学 Speech by the General Conference Chair Academician Liejun Li, South China University of Technology, China	
09:10-09:20	广州市科协领导致辞 Speech by the Guangzhou Association for Science and Technology, GZAST	
09:20-09:25	广州市番禺信息技术投资发展有限公司领导致辞 Speech by the Guangzhou Panyu Information Technology Investment and Development Co. Ltd	
09:25-09:35	广州市番禺信息技术投资发展有限公司介绍 Company Introduction-Guangzhou Panyu Information Technology Investment and Development Co. Ltd	
09:35-09:40	企业博士服务站授牌 Licensing-Enterprise Dr. Service Station	
09:40-09:45	“新材料先进制造行业产教融合共同体”常务理事授牌 Licensing-"New materials Advanced Manufacturing industry integration of industry and education Community"	
09:45-09:50	第十三届金博奖榜单发布 13th "Jinbo" Award Winners List Release	

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大会报告 Plenary Lectures		
09:50-10:30	Plenary Speaker 1 刘焕彬 院士，华南理工大学 Prof. Huanbin Liu, Foreign Academician of the Russian Academy of Engineering, South China University of Technology, China	用大系统思维推动工业智能技术的 创新与应用 In large systems thinking to promote industrial innovation and application of smart technology
10:30-10:45	大合照&茶歇 Group Photo & Tea Break	
10:45-11:15	Plenary Speaker 2 陈广学 院士，华南理工大学 Prof. Guangxue Chen, Foreign Academician of the Russian Academy of Engineering, South China University of Technology, China	基于印刷制造技术的柔性电子 和传感材料的研究进展 Research progress of flexible electronic and sensing materials based on printing manufacturing technology
11:15-11:45	Plenary Speaker 3 刘兴军 院士，哈尔滨工业大学（深圳） Prof. Xingjun Liu, Foreign Academician of the Russian Academy of Natural Sciences, Harbin Institute of Technology (Shenzhen), China	人工智能在新材料研发创新中的应用 The application of artificial intelligence in the research and development of new materials
11:45-12:10	相关政府政策推介 Introduce Relevant Government Policies	
12:10-14:00	午餐 Dinner	

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2024年11月09日（星期六） November 09, 2024 (Saturday) 广州德舜大厦A塔5楼2号路演厅		
分论坛一：先进材料论坛		
主题报告 Keynote Speeches		
14:00-14:30	Keynote Speaker 1 马春风 教授，华南理工大学 Prof. Chunfeng Ma, South China University of Technology, China	海洋防污“芯”：动态表面抗污材料 Dynamic Surface Antifouling Materials
14:30-15:00	Keynote Speaker 2 孙海波 教授，佛山大学 Prof. Haibo Sun, Foshan University, China	基于磁各向异性调控的铁基非晶纳米晶 磁器件电磁特性设计及产业化 Design and industrialization of Fe-based amorphous nanocrystalline magnetic devices based on magnetic anisotropy regulation
15:00-15:30	Keynote Speaker 3 李顺 研究员，佛山（华南）新材料研究院 Prof. Shun Li, Foshan (South China) Institute for New Materials, China	小温差驱动热电催化材料设计及应用 Design and Application of Thermoelectric Catalytic Materials Driven by Small Temperature Differences
15:30-15:45	大合照&茶歇 Group Photo&Tea Break	
口头报告 Oral Presentations		
15:45-16:00	Oral Presenter 1 肖尧，长春理工大学 Yao Xiao, Changchun University of Science and Technology, China	AlSc ₂ / ZrH ₂ / 7075复合粉末选择性激光 熔化成形工艺及显微组织研究 Study on Forming Process and Microstructure of AlSc ₂ / ZrH ₂ / 7075 Composite Powders by Selective Laser Melting

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口头报告 Oral Presentations		
16:00-16:15	Oral Presenter 2 孟思源, 河南工业大学 Siyuan Meng, Henan University of Technology, China	模拟月球土壤地基的纤维增强聚合物力学性能试验研究 Experimental study of mechanical properties of fiber-reinforced polymers simulating lunar soil bases
16:15-16:30	Oral Presenter 3 隋鹦瀚, 长春理工大学 Yinghan Sui, Changchun University of Science and Technology, China	两种晶格结构疲劳裂纹萌生行为的研究 Study on fatigue crack initiation behavior of two types of lattice structures
16:30-16:45	Oral Presenter 4 张国华, 深圳恒驱电机有限公司 Guohua Zhang, Shenzhen HengDrive Electric Co., Ltd., China	超导临界温度与原子性质的关系及N的意义研究 Research on the correlation between superconducting critical temperature and atomic properties and the meaning of N
16:45-17:00	Oral Presenter 5 王东旭, 长春理工大学 Dongxu Wang, Changchun University of Science and Technology, China	超声功率对7075/2195异种铝合金超声辅助激光焊接接头组织和力学性能的影响 Effect of Ultrasonic Power on Microstructure and Mechanical Properties of the 7075/2195 Dissimilar Aluminum Alloy Welded Joint by Ultrasonic-assisted Laser Welding
17:00-17:15	Oral Presenter 6 刘金阳, 北京交通大学 Jinyang Liu, Beijing Jiaotong University, China	石榴石基电解质和电极材料稳定性研究 Garnet-Based Electrolyte and Electrode Material Stability Study

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口头报告 Oral Presentations		
17:15-17:30	Oral Presenter 6 芮兆猛, 长春理工大学 Zhaomeng Rui, Changchun University of Science and Technology, China	扫描策略对激光粉末床熔合AlSi10Mg合金显微组织和力学性能的影响 The Effect of Scanning Strategies on the Microstructure and Mechanical Properties of AlSi10Mg Alloy Manufactured by Laser Powder Bed Fusion Technology
17:30-17:45	Oral Presenter 8 郑胜强, 诺丁汉大学马来西亚校区 Shengqiang Zheng, University of Nottingham Malaysia, Malaysia	镍基金属-有机框架衍生的NiO/C与钠和MoS ₂ 作为高性能超级电容器电极材料 Nickel-Based Metal-Organic Frameworks Derived NiO/C with Sodium and MoS ₂ as High-Performance Supercapacitor Electrode Materials
17:45-18:00	Oral Presenter 9 郭川, 中山大学, Chuan Guo, Sun Yat-sen University, China	激光粉末床熔合难焊高温合金的前-中-后裂纹消除方法 Pre-mid-post methods for crack elimination of laser powder bed fused hard-to-weld superalloy
18:00-18:15	Oral Presenter 10 刘旭东, 北京理工大学 Xudong Liu, Beijing Institute of Technology, China	亚稳工程增强Ti-Zr-Nb-Al高熵合金的绝热抗剪切性能 Enhancing the adiabatic shear resistance of Ti-Zr-Nb-Al high entropy alloy via metastability engineering

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2024年11月09日（星期六） November 09, 2024 (Saturday) 广州德舜大厦A塔5楼1号报告厅		
分论坛二：智能制造论坛		
Keynote Speeches 主题报告		
14:00-14:30	Keynote Speaker 1 王敏 教授，华南理工大学 Prof. Min Wang, South China University of Technology, China	非线性动力学系统的动态学习、 控制及其应用 Dynamic Learning, Control, and Applications of Nonlinear Systems
14:30-15:00	Keynote Speaker 2 徐智浩 研究员， 广东省科学院智能制造研究所 Prof. Zhihao Xu, Guangdong Institute of Intelligent Manufacturing, China	全周复杂构件测量具有多视角一致性的 低重叠率点云配准方法及应用 A low overlap rate point cloud registration method with multi-view consistency for whole-cycle complex component measurement and its application
15:00-15:30	Keynote Speaker 3 刘书昊 研究员，深圳计算科学研究院 Prof. Shuhao Liu, Shenzhen Institute of Computing Science, China	AI+赋能智能制造 AI+ enables intelligent manufacturing
15:30-15:45	大合照&茶歇 Group Photo&Tea Break	
口头报告 Oral Presentations		
15:45-16:00	Oral Presenter 1 陈楠，长春理工大学 Nan Chen, Changchun University of Science and Technology, China	L-PBF铝合金熔池组织演变的 宏观-微观建模与仿真 Macro-micro Modeling and Simulation of Microstructure Evolution in L-PBF Aluminum Alloy Melt Pool

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口头报告 Oral Presentations		
16:00-16:15	Oral Presenter 2 邹志威, 华南理工大学 Zhiwei Zou, South China University of Technology, China	超高强度钢离线轧制力模型概述 Overview of off-line rolling force model for ultra-high strength steel
16:15-16:30	Oral Presenter 3 王朔, 长春理工大学 Shuo Wang, Changchun University of Science and Technology, China	微纳遥感卫星相机承重底板结构 轻量化设计与增材制造 Lightweight design and additive manufacturing of load-bearing backplane structure for micro-nano remote sensing satellite camera
16:30-16:45	Oral Presenter 4 张启凡, 华南理工大学 Qifan Zhang, South China University of Technology, China	钛钼微合金钢中应变诱导析出对连续冷 却铁素体相变的影响研究 Effects of strain-induced precipitation on continuous cooling ferrite transformation in titanium-molybdenum microalloyed steel
16:45-17:00	Oral Presenter 5 张博, 长春理工大学 Bo Zhang, Changchun University of Science and Technology, China	基于LPBF成型AlSi10Mg应力分析 的激光扫描路径规划 Laser scanning path planning based on LPBF molding AlSi10Mg stress analysis
17:00-17:15	Oral Presenter 6 叶海啸, 华南理工大学 Haixiao Ye, South China University of Technology, China	钢线快速感应加热热处理的 工艺调控及机理研究 Process control and mechanistic study of steel wire heat treatment via rapid induction heating

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口头报告 Oral Presentations		
17:15-17:30	Oral Presenter 7 邵咏思, 武汉科技大学 Yongsi Shao, Wuhan University of Science and Technology, China	一种基于工业代谢的钢铁生产 二氧化碳减排新方法 A novel method for reducing CO ₂ emission in iron and steel manufacture based on industrial metabolism
17:30-17:45	Oral Presenter 8 李卓然, 华南理工大学 Zhuoran li, South China University of Technology, China	氧化物还原对多孔高氮奥氏体不锈钢制 备和组织性能的影响机理研究 Effects of Oxide Reduction on Preparation, Microstructure and Properties of Porous High-Nitrogen Austenitic Stainless Steel
17:45-18:00	Oral Presenter 9 刘嘉豪, 广东技术师范大学 Jiahao Liu, Guangdong Polytechnic Normal University, China	铝型材喷涂线上下料辅助系统 设计及智能控制 Design and intelligent control of auxiliary system for loading and unloading on aluminum profile spraying line
18:00-18:15	Oral Presenter 10 班涛, 华南理工大学 Tao Ban, South China University of Technology, China	甩带热挤压制备高强耐热超细晶 Al-La-Mg-Mn合金 Ultrafine-grained Al-La-Mg-Mn alloy fabricated by melt spinning and hot extrusion with ultrahigh strength and thermal stability
18:15-18:30	Oral Presenter 11 欧阳健平, 华南理工大学 Jianping Ouyang, South China University of Technology, China	快速加热淬回火弹簧钢的微观组织 调控及强韧化机制研究 Research on the Microstructure Control and Toughening Mechanisms of Rapidly Heated Quenched and Tempered Spring Steel



广州市"国际学术会议之都"建设项目

ICAMIM
2024

November 8-10, 2024 | Guangzhou, China

2024年11月8-10日 | 中国·广州

第五届先进材料与智能制造学术会议

线上会议（“ZOOM”）

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会议ID：885 1107 1831

会议密码：241109

Online conference（“ZOOM”）

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Conference room address:

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ID: 885 1107 1831

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