



大会议程 | Agenda

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报到注册 | Registration

时间：2026 年 8 月 7 日（周五） | Date: August 7, 2026 (Friday),
办理入住地点：黄河美华酒店 (兰州雁滩高新区店)一楼大堂 | Venue: 1F, Hotel Lobby,
Huanghe Meihua Hotel (Yantan High-tech Zone, Lanzhou)

时间：2026 年 8 月 8 日（周六） | Date: August 8, 2026 (Saturday), 08:00–18:10
地点：黄河美华酒店 (兰州雁滩高新区店), 五楼商务会议室 | Venue: 5F, Business
Conference Room, Huanghe Meihua Hotel (Yantan High-tech Zone, Lanzhou)
ZOOM 账号：826 7215 5854 | ZOOM Account: 826 7215 5854
ZOOM 密码：260808 | Password: 260808

开幕式 | Opening Ceremony

时间 Time	内容 Activity	主持人 Chair
08:00–08:30	大会签到 Conference Registration	主持人：丁莉芸教授，兰州大学 Chair: Prof. Liyun Ding, Lanzhou University, China
08:30-08:35	开幕式 Opening Ceremony	
08:35-08:45	开幕致辞 Opening Remark 致辞人：兰州大学校领导 Addresser: University Leadership of Lanzhou University, China	
08:45-08:50	大会合影 Group Photo	

大会报告 Plenary Lectures		
时间 Time	内容 Activity	主持人 Chair
08:50-09:15	主讲报告 1: 张东平, 深圳大学, 教授 Plenary Talk 1: Dongping Zhang, Shenzhen University, China, Professor 题目: 高质量VO2薄膜的制备与相关光电器件研究 Title: Fabrication of High-Quality VO2 Thin Films and Related Optoelectronic Devices Research	主持人: 夏志林 教授, 武汉理工大学 Chair : Prof. Zhilin Xia, Wuhan University of Technology, China
09:15-09:40	主讲报告 2: 赵江波, 赫尔大学 (英国), 讲师 Plenary Talk 2: Jiangbo Zhao, University of Hull, UK, Lecturer 题目: 论混合法则: 一种用于折射率建模及相关问题研究的组分扰动理论框架 Title: On the mixing rule: A compositional perturbation framework for refractive index modelling and beyond	
09:40-10:05	主讲报告 3: 丁莉芸, 兰州大学, 教授 Plenary Talk 3: Liyun Ding, Lanzhou University, China, Professor 题目: 基于光纤传感器的新一代肾损伤智能化早筛早诊系统 Title: New-Generation Intelligent Early Detection and Diagnosis System of Kidney Injury Based on Fiber-Optic Sensors	
10:05-10:30	主讲报告 4: 夏志林, 武汉理工大学, 教授 Plenary Talk 4: Zhilin Xia, Wuhan University of Technology, China, Professor 题目: 被动辐射降温材料研发、应用与存在的问题 Title: Research, Applications and Existing Challenges of Passive Radiative Cooling Materials	主持人: 丁莉芸 教授, 兰州大学 Chair: Prof. Liyun Ding, Lanzhou University, China
10:30-10:40	茶歇 Coffee Break	

特邀报告 | Invited Talks

时间 Time	内容 Activity	主持人 Chair
10:40-11:00	特邀报告 1: 刘宝乾, 中国科学院兰州化学物理研究所, 副研究员 Invited Talk 1: Baoqian Liu, Lanzhou Institute of Chemical Physics, Chinese Academy of Sciences, China, Associate Researcher 题目: 新型聚合物多孔分离材料的构筑及应用 Title: Construction and Application of Novel Porous Polymer Separation Materials	主持人: 丁莉芸教授, 兰州大学 Chair: Prof. Liyun Ding, Lanzhou University, China
11:00-11:20	特邀报告2: 孙伯禄, 兰州理工大学, 副教授 Invited Talk 2: Bolu Sun, Lanzhou University of Technology, China, Associate Professor 题目: 基于靶点“钓钩”策略的电化学传感技术用于中药药源性心脏毒性成分发现及评价研究 Title: Electrochemical Sensing Technology Based on Target "Hook" Strategy for the Discovery and Evaluation of Cardiotoxic Components Derived from Traditional Chinese Medicine	
11:20-11:40	特邀报告 3: 刘启隆, 有研工程技术研究院有限公司, 工程师 Invited Talk 3: Qilong Liu, GRINM Engineering Technology Research Institute Co., Ltd., China, Engineer 题目: 新型Al-Cu-Mg-Ag合金析出特征和强化机制研究 Title: Precipitation characteristics and strengthening mechanisms of novel Al-Cu-Mg-Ag Alloys	
11:40-14:00	午餐 & 休息 Lunch & Break 地点: 黄河美华酒店 (兰州雁滩高新区店), 16楼餐厅 Venue: 16F Restaurant, Huanghe Meihua Hotel (Yantan High-tech Zone, Lanzhou)	

大会报告 Plenary Lectures		
时间 Time	内容 Activity	主持人 Chair
14:00-14:25	主讲报告 5: 赵元安, 中国科学院上海光学精密机械研究所, 教授 Plenary Talk 5: Yuan'an Zhao, Shanghai Institute of Optics and Fine Mechanics, CAS, China, Professor 题目: 光学元件的激光损伤研究: 从极紫外到中红外 Title: Laser damage of optical components: from EUV to MIR	主持人: 张东平, 深圳大学, 教授 Chair: Prof. Dongping Zhang, Shenzhen University, China
口头报告 Oral Presentations		
时间 Time	内容 Activity	主持人 Chair
14:25-14:35	口头报告 1: 姜雪傲, 中国刑事警察学院 Oral Presenter 1: Xueao Jiang, Criminal Investigation Police University of China, China 题目: 热可逆凝胶电解质的构筑及其在锂金属电池中的应用 Title: Construction of Thermoreversible Gel Electrolytes and Their Application in Lithium Metal Batteries	主持人: 张东平, 深圳大学, 教授 Chair: Prof. Dongping Zhang, Shenzhen University, China
14:35-14:45	口头报告 2: 魏国良, 兰州理工大学 Oral Presenter 2: Guoliang Wei, Lanzhou University of Technology, China 题目: 轴肩几何形貌对微型搅拌摩擦焊接过程及表面缺陷的研究 Title: Effect of Shoulder Geometry on the Micro Friction Stir Welding Process and Surface Defect Formation	
14:45-14:55	口头报告 3: 李维新, 兰州大学 Oral Presenter 3: Weixin Li, Lanzhou University, China 题目: 太阳能驱动泵用于高选择性金回收串联电子废水高效修复 Title: Solar-powered pump for highly selective gold recovery and efficient electronic wastewater remediation	

时间 Time	内容 Activity	主持人 Chair
14:55-15:05	口头报告 4: 何文博, 兰州理工大学 Oral Presenter 4: Wenbo He, Lanzhou University of Technology, China 题目: 7075铝合金激光-电弧复合增材工艺及组织性能调控 Title: Laser–Arc Hybrid Additive Manufacturing Process and Microstructure–Property Control of 7075 Aluminum Alloy	主持人: 张东平, 深圳大学, 教授 Chair: Prof. Dongping Zhang, Shenzhen University, China
15:05-15:15	口头报告 5: 王堃, 兰州理工大学 Oral Presenter 5: Kun Wang, Lanzhou University of Technology, China 题目: 基于热力学分析的BNi7相演变与WC/304L异质钎焊界面行为 Title: Thermodynamics-Assisted Investigation of BNi7 Phase Evolution and Interfacial Brazing Behavior of WC/304L Dissimilar Joints	
15:15-15:25	口头报告 6: 屈晨凯, 北京理工大学 Oral Presenter 6: Chenkai Qu, Beijing Institute of Technology, China 题目: 增材制造 Ti₂AlNb/Ti65 双合金高温力学相容性的相工程调控研究 Title: Phase Engineering toward High-Temperature Mechanical Compatibility in Additively Manufactured Ti₂AlNb/Ti65 Dual Alloy	
15:25-15:35	口头报告 7: 冯凯乐, 兰州大学 Oral Presenter 7: Kaile Feng, Lanzhou University, China 题目: 一种用于急性肾损伤评估的新型便携式无线溶解氧传感器 Title: A novel portable wireless dissolved oxygen sensor for acute kidney injury (AKI) assessment	

时间 Time	内容 Activity	主持人 Chair
15:35-15:45	口头报告 8: 朱承旭, 兰州理工大学 Oral Presenter 8: Chengxu Zhu, Lanzhou University of Technology, China 题目: 界面增强型光固化复合墨水用于柔性承载结构的DIW打印 Title: Interface-Enhanced Light-Curable Composite Ink for DIW Printing of Flexible Load-Bearing Structures	主持人: 张东平, 深圳大学, 教授 Chair: Prof. Dongping Zhang, Shenzhen University, China
15:45-15:55	口头报告 9: 高源, 上海交通大学 Oral Presenter 9: Yuan Gao, Shanghai Jiao Tong University, China 题目: 时效调控特殊晶界提升新型Fe-Ni基高温合金焊接接头持久性能的作用机制 Title: The role of special grain boundaries in enhancing creep performance in the welded joint of a novel Fe-Ni-based superalloy through aging treatment	
15:55-16:05	口头报告 10: 罗威, 哈尔滨工程大学 Oral Presenter 10: Wei Luo, Harbin Engineering University, China 题目: 基于生物质热解绿色回收废旧LiCoO₂中的有价金属 Title: Green recovery of valuable metals from waste LiCoO₂ through biomass pyrolysis	
16:05-16:15	休息 Break	
16:15-16:25	口头报告 11: 王志杰, 兰州大学 Oral Presenter 11: Zhijie Wang, Lanzhou University, China 题目: 氧化铌薄膜敏化SPR光纤传感器及其生物检测应用研究 Title: Research on Niobium Oxide Thin Film Sensitized SPR Optical Fiber Sensor and Its Application in Biological Detection	主持人: 赵江波, 赫尔大学(英国), 讲师 Chair: Dr. Jiangbo Zhao, University of Hull, UK, Lecturer

时间 Time	内容 Activity	主持人 Chair
16:25-16:35	口头报告 12: 何瑞琦, 中国工程物理研究院核物理与化学研究所 Oral Presenter 12: Ruiqi He, Institute of Nuclear Physics and Chemistry, China Academy of Engineering Physics, China 题目: 高性能结构材料的高压超声测量-弹性研究 Title: High-Pressure Ultrasonic Measurements of Elasticity in Structural Materials	主持人: 赵江波, 赫尔大学 (英国), 讲师 Chair: Dr. Jiangbo Zhao, University of Hull, UK, Lecturer
16:35-16:45	口头报告 13: 冉杰, 贵州大学 Oral Presenter 13: Jie Ran, Guizhou University., China 题目: 基于具有自修复性质的双尺寸二氧化硅颗粒的耐用超疏水棉织物 Title: Robust superhydrophobic cotton fabric based on dual-sized silica particles with self-healing nature	
16:45-16:55	口头报告 14: 胡永涛, 四川大学 Oral Presenter 14: Yongtao Hu, Sichuan University, China 题目: 后处理提高LPBF TWIP钢的高周疲劳性能 Title: Enhanced high cycle fatigue performance of LPBF TWIP steel via post-treatments	
16:55-17:05	口头报告 15: 代亚军, 四川大学灾变力学与工程防灾省重点实验室 Oral Presenter 15: Yajun Dai, Failure Mechanics and Engineering Disaster Prevention Key Laboratory of Sichuan Province, China 题目: SLM 17-4PH 不锈钢在室温与高温下的低周疲劳行为与寿命预测 Title: Low-cycle fatigue behavior and lifetime prediction of SLM-fabricated 17-4PH stainless steel at ambient and elevated temperatures	
17:05-17:15	口头报告 16: 朱连杰, 天津理工大学 Oral Presenter 16: Lianjie Zhu, Tianjin University of Technology, China 题目: 高灵敏度及高选择性气体传感纳米材料 - 氧化钨 Title: Highly Sensitive and Selective Gas Sensing Nanomaterials-WO₃	

时间 Time	内容 Activity	主持人 Chair
17:15-17:25	口头报告 17: 陈怡, 北京理工大学 Oral Presenter 17: Yi Chen, Beijing Institute of Technology, China 题目: 固态锂金属电池界面调控及机理研究 Title: Interfacial Engineering and Mechanism Investigation of Solid-State Lithium Metal Batteries	主持人: 赵江波, 赫尔大学 (英国), 讲师 Chair: Dr. Jiangbo Zhao, University of Hull, UK, Lecturer 主持人: 赵江波, 赫尔大学 (英国), 讲师 Chair: Dr. Jiangbo Zhao, University of Hull, UK, Lecturer
17:25-17:35	口头报告 18: 王菁, 上海交通大学 Oral Presenter 18: Jing Wang, Shanghai Jiao Tong University, China 题目: 高相变潜热 VO₂的制备及 W 掺杂 VO₂相变温度与红外性能调控 Title: Preparation of High Latent Heat VO₂ and Regulation of Phase-Transition Temperature and Infrared Properties through W Doping	
17:35-17:45	口头报告 19: 郑家豪, 集美大学 Oral Presenter 19: Jiahao Zheng, Jimei University, China 题目: 通过仿生毛蚶表面纹理复合DLC涂层对20MnCr5基体摩擦学性能的协同增强 Title: Synergistic enhancement of tribological performance of 20MnCr5 substrate with biomimetic Scapharca subcrenata surface texture composite DLC coating	
17:45-17:55	口头报告 20: 祝楷, 有研工程技术研究院有限公司 Oral Presenter 20: Kai Zhu, GRIMAT Engineering Institute Co., LTD., China 题目: 退火热处理 Al-Mg 合金的 Portevin-La Chatelier (PLC) 效应研究 Title: Research on the Portevin-La Chatelier (PLC) effect of the annealing-heat treated Al-Mg alloy	
17:55-18:00	休息 Break	
18:00-18:10	颁奖典礼 Award Ceremony	

海报展示 Poster Presentation

Name: Jiang Qing (江庆)

Unit: Sichuan University (四川大学)

Title: Critical role of $\{11-21\}$ twinning in fatigue crack initiation in zirconium ($\{11-21\}$ 孪晶在锆疲劳裂纹萌生中的关键作用)

Name: Yuantao Shi (石远涛)

Unit: Huazhong University of Science and Technology (华中科技大学)

Title: In situ composite design and formation of carbon-based friction films for anti-adhesion on metal surfaces (金属表面抗粘附碳基摩擦膜的原位复合设计与形成)

Name: Hongzhe Zhang (张泓喆)

Unit: Lanzhou University (兰州大学)

Title: Sn^{4+} -Mediated Trap Engineering in Cr^{3+} -Activated Titanate Nanophosphors Enables Self-Sustained Multimodal Imaging and Combinatorial Oncotherapy (Sn^{4+} 介导的陷阱工程在 Cr^{3+} 激活的钛酸盐纳米荧光粉中实现自持多模态成像与组合肿瘤治疗)

Name: Yiman He (何怡漫)

Unit: University of Science and Technology of China (中国科学技术大学)

Title: Visualizing pore structures of polyamide nanofiltration membranes via AIE-based technology (基于 AIE 技术构建聚酰胺纳滤膜孔结构可视化检测方法的研究)

海报展示 Poster Presentation

Name: Chun-Kit He (何俊杰), Xiao-Ying Lu (吕晓莹), Chi-Wing Tsan (曾志荣)

Unit: Technological and Higher Education Institute of Hong Kong (香港高等教育科技學院)

Title: Techno-Economic Analysis of Methanolysis-Mediated Regeneration of Spent Ammonia Borane for Hydrogen Storage (用于储氢的硼烷氨废料经甲醇解再生的技术经济分析)

Name: Xiaohang Liu (刘潇航)

Unit: Sichuan University (四川大学)

Title: Study on Low-Cycle Fatigue Behavior of Multi-Length-Scale Hydrogels (多尺度分层结构水凝胶的低周疲劳行为研究)

Name: Wentao Huang (黄文韬)

Unit: Sichuan University (四川大学)

Title: Microstructure Evolution and Crack Initiation of Q450NQR1 Weathering Steel in the Very-High-Cycle Fatigue Regime (Q450NQR1 高强度耐候钢超高周疲劳微观组织演化及裂纹萌生机理)

Name: Huwei Qiu (邱胡伟)

Unit: Sichuan University (四川大学)

Title: Cryogenic and room-temperature mechanical behavior of Al_{0.3}CoCrFeNiMn high-entropy alloy fabricated by laser powder bed fusion (激光粉末床熔融制备 Al_{0.3}CoCrFeNiMn 高熵合金的低温及室温力学行为)

Name: Baoquan Xiao (肖保全)

Unit: Lanzhou University (兰州大学)

Title: Dual-modal cholangiocarcinoma diagnostics enabled by a plasmon-enhanced lab-on-fibre immunosensor (基于胆汁 CLU 的光纤生物传感器结合消化内镜检查实现胆管癌的实时诊断)

海报展示 Poster Presentation

Name: Zelin Zhang (高泽林)

Unit: Lanzhou University (兰州大学)

Title: A fluorescent optical platform sensor based on ratiometric carbon dots integrated with machine learning for the identification and detection of organic solvents (一种基于 Ni-CDs@CA/PEGDA 双膜的斜面荧光光纤生物传感器用于幽门螺杆菌检测)

Name: Hengbiao Zhang (张恒彪)

Unit: Lanzhou University (兰州大学)

Title: Multifunctional Nanofilm-Enabled Optic Fiber SPR Sensor for Bladder Cancer Theranostics (用于膀胱癌 PRDX1 高灵敏检测的新型光纤 SPR 生物传感器)

Name: Fengze Bai (白枫泽)

Unit: Lanzhou University (兰州大学)

Title: Synergistic Luminescence and Multiplex Fluorescence Encoding of Rare Earth Phosphors and Carbon Quantum Dots (稀土荧光粉与碳量子点的协同发光及多重荧光编码研究)

Name: Jianning Mai (麦健宁)

Unit: Sichuan University (四川大学)

Title: Experimental and damage-coupled constitutive modelling studies of 9Cr3W3Co steel at 650°C based on cyclic response behavior (650 °C 下 9Cr3W3Co 钢低周循环响应行为研究与损伤耦合本构数值模拟)