

ICETMS 2025



第九届 能源技术与材料科学国际学术会议

2025 9th International Conference on
Energy Technology and Materials Science

会议手册

CONFERENCE BROCHURE

- 主办单位：成都大学
- 承办单位：成都大学机械工程学院
- 协办单位：AEIC学术交流中心

2025年5月23日 线上会议
May 23, 2025 Online Conference



会议议程

Conference Agenda

会议时间：2025 年 05 月 23 日 Conference Time: May 23, 2025 会议账号：896 3161 0764 Zoom ID: 896 3161 0764 账号密码：225523 Password: 225523 Join us: https://zoom.us/j/89631610764?pwd=cVaesHLzfyHexGIlw9KZ5vunHu7mVW.1 Download: https://zoom.us/download	
时间 Time	活动 Activity
13:40-14:00	签到&开幕视频 Sign in & Opening video
14:00-14:05	开幕式 Opening Ceremony
大会报告 Plenary Lectures	
14:05-14:40	Plenary Lecture 1: 姜孝谟教授，大连理工大学 题目：风电机组基于数字孪生的智能运维现状和展望 Prof. Xiaomo Jiang, Dalian University of Technology, China Title: Digital Twin-based Intelligent Operation and Maintenance for Wind Turbines: Current Status and Future Prospects
14:40-14:45	大会合照 Group Photo
14:45-15:20	Plenary Lecture 2: 李海涛教授，江苏大学 题目：清洁能源驱动合成氨 Prof. Haitao Li, Jiangsu University, China Title: Ammonia Synthesis Driven By Clean Energy
15:20-15:55	Plenary Lecture 3: Prof. Ching Yern Chee, Universiti Malaya, Malaysia Title: Sustainable Packaging Solutions: Development of Starch-Epoxidized Vegetable Oil-Based Bioplastics

口头报告 Oral Presentations	
15:55-16:05	Oral Presentation 1: 吴巨, 重庆交通大学 题目: 3D 打印泡沫混凝土的改性研究 Ju Wu, Chongqing Jiaotong University, China Title: Study on the modification of 3D printed foam concrete
16:05-16:15	Oral Presentation 2: 李一鸣, 重庆交通大学 题目: 关于光学透明胶的超弹-粘弹性本构模型研究 Yiming Li, Chongqing Jiaotong University, China Title: Research on the Hyperelastic-viscoelastic Constitutive Model of Optical Clear Adhesive
16:15-16:25	Oral Presentation 3: 戴昌笑, 重庆交通大学 题目: 3D 打印泡沫混凝土材料的制备及性能研究 Changxiao Dai, Chongqing Jiaotong University, China Title: Study on the Preparation and Properties of 3D Printed foam Concrete Materials
16:25-16:35	Oral Presentation 4: 梁华宝, 重庆交通大学 题目: 车桥耦合振动下补偿收缩混凝土的性能研究 Huabao Liang, Chongqing Jiaotong University, China Title: Properties of compensated shrinkage concrete under coupled axle vibration
16:35-16:45	Oral Presentation 5: 赖学良, 重庆交通大学 题目: 3D 打印工业固废地聚物混凝土的制备及性能研究 Xueliang Lai, Chongqing Jiaotong University, China Title: Preparation and properties of 3D printing industrial solid waste geopolymer concrete
16:45-16:55	Oral Presentation 6: 邓荣彬, 重庆交通大学 题目: 基于桥梁工程装饰部件的 3D 打印水泥基材料制备和应用 Rongbin Deng, Chongqing Jiaotong University, China Title: Preparation and Application of 3D Printed Cementitious Materials Based on Decorative Components for Bridge Projects

口头报告 Oral Presentations	
16:55-17:05	Oral Presentation 7: 刘港, 中国石油大学 (华东) 题目: 基于过渡金属活性位点的多金属氧簇间接电催化合成硫化剂 Gang Liu, China University of Petroleum (East China), China Title: Indirect electrocatalytic synthesis of vulcanizing agents by polyoxomolybdates based on transition metal active sites
17:05-17:15	Oral Presentation 8: 张啸杞, 中国石油大学 (华东) 题目: 液态石油基芳烃储氢性能研究 Xiaoqi Zhang, China University of Petroleum (East China), China Title: Study on the Hydrogen Storage Performance of Liquid Petroleum-Based Aromatics
17:15-17:25	Oral Presentation 9: 吴江, 中国石油大学 (华东) 题目: 通过氧化物 MoO _x 物种掺杂促使糠醛选择性加氢 Jiang Wu, China University of Petroleum (East China), China Title: Selective hydrogenation of furfural through doping with oxide MoO _x species
17:25-17:35	Oral Presentation 10: 贾安康, 中国石油大学 (华东) 题目: 用于制氢的铂族金属-铟碳间隙化合物 Ankang Jia, China University of Petroleum (East China), China Title: Platinum group metal-indium carbon interstitial compounds for hydrogen production
17:35-17:45	Oral Presentation 11: 夏鑫华, 南京工业大学 题目: 喷射方向和储氢压力对能源技术应用中高压氢射流火焰影响的研究 Xinhua Xia, Nanjing Tech University, China Title: Study of the effects of injection direction and hydrogen storage pressure on high-pressure hydrogen jet Flames for energy technology applications
17:45-17:55	Oral Presentation 12: 祁霞, 同济大学 题目: 用于低品位热回收的高效菱方 GeTe 热电材料 Xia Qi, Tongji University, China Title: Efficient rhombohedral GeTe thermoelectrics for low-grade heat recovery

口头报告 Oral Presentations	
17:55-18:05	Oral Presentation 13: 王锦坤, 西安工业大学 题目: 金属锂负极机械性能与循环稳定性的关系研究 Jinkun Wang, Xi'an Technological University, China Title: Investigation to Mechanical Properties and Cycling Stability of Lithium metal anode
18:05-18:15	Oral Presentation 14: 赵晋苗, 兰州理工大学 题目: 用于光辅助储能的光电化学材料 Jinmiao Zhao, Lanzhou University of Technology, China Title: Photoelectrochemical materials for photo-assisted energy storage
18:15-18:25	Oral Presentation 15: 庄田田, 西安交通大学 题目: 基于 PEDOT: PSS 基导电水凝胶的表皮和可穿戴应用 Tiantian Zhuang, Xi'an Jiaotong University, China Title: Epidermal and Wearable Applications of PEDOT: PSS-Based Conductive Hydrogels
18:25-18:35	Oral Presentation 16: 许海扬, 青海大学 题目: 面向冷电联供的压缩空气储能-风-光-数据中心混合系统调度方法研究 Haiyang Xu, Qinghai University, China Title: Dispatch of a compressed air energy storage-based hybrid wind-solar-data center system for combined cooling and power supply
18:35-18:45	Oral Presentation 17: 汪进明, 西北工业大学 题目: 原子级分散催化材料制备及其太阳能存储效能研究 Jinming Wang, Northwestern Polytechnical University, China Title: Preparation of Atomic-Level Dispersed Catalytic Materials on its Solar Energy Storage
18:45-18:55	Oral Presentation 18: 李福缘, 兰州理工大学 题目: β-环糊精改性凹凸棒石吸附材料的制备及其吸附性能研究 Fuyuan Li, Lanzhou University of Technology, China Title: Preparation and Adsorption Performance of β-Cyclodextrin-Modified Palygorskite Adsorbent Materials

口头报告 Oral Presentations	
18:55-19:05	Oral Presentation 19: 杨闯, 长安大学 题目: 软脂酸超临界水气化产物分布和反应机理 Chuang Yang, Chang'an University, China Title: Product distribution and reaction mechanism of palmitic acid in supercritical water gasification
19:05-19:15	Oral Presentation 20: 毕天滋, 上海交通大学 题目: 电催化二氧化碳还原电极设计及传质优化策略 Tianzi Bi, Shanghai Jiaotong University, China Title: Electrode design and mass transport enhancement strategies for electrochemical CO ₂ reduction
19:15-19:25	Oral Presentation 21: 苟露露, 兰州理工大学 题目: ZIF-8 衍生的 ZnO/C-Bi ₂ MoO ₆ 异质结的制备及其光催化性能的研究 Lulu Gou, Lanzhou University of Technology, China Title: Synthesis and Photocatalytic Performance Study of ZIF-8-Derived ZnO/C-Bi ₂ MoO ₆ Heterojunctions
19:25-19:30	会议闭幕 Closing Ceremony

附件: 参会操作指南——线上会议

一、Zoom 软件: PC 端下载如下: <https://zoom.com/download>; 手机端, 应用市场搜索“ZOOM”即可下载;

二、线上会议所需设备: 手机、平板、笔记本电脑皆可 (带有摄像头的设备即可);

三、线上会议注意事项

- 1、投稿作者 (每篇录用文章至少派 1 名作者参会) 谨防出版社抽查, 请按时参会!
- 2、重命名: 姓名拼音+论文编号 (投稿作者), 姓名拼音 (仅参会);
- 3、签到方式: 进入会议室后输入“姓名拼音”, 发送到会议室对话框进行签到, 请至少提前 5 分钟进入会议室;
- 4、合照: 合照环节务必打开摄像头;
- 5、参加线上会议者可凭参会截图向会议秘书获取参会证明 (参会者自行截图即可);
- 6、参会证明及口头报告证明均在会后一周内开具。

四、加入会议

1、打开 Zoom 软件, 选择加入会议, 输入会议 ID 和密码, 并修改姓名即可 (请在网络稳定的环境下进行);

2、会议室链接: <https://zoom.us/j/89631610764?pwd=cVaesHLzfyHexGllw9KZ5vunHu7mVW.1>
 会议室 ID: 896 3161 0764, 密码: 225523