

2025 UNified Conference on Advances in Maintenance Engineering, Damage Assessment and Machinery Diagnostics

16th-19th May 2025, Zhangjiajie, P.R. China

CALL FOR PAPERS

The emergence of Industry 4.0 has brought new opportunities and challenges to the society as the internet, big data, machine learning and artificial intelligence are transforming the tradition industry to the high-end digitalized and automated manufacturing. Whereas an efficient health management and maintenance is the key to ensure a success transformation and integration of such technologies. The 2025 UNified Conference on Advances in Maintenance Engineering, Damage Assessment and Machinery Diagnostics to be held on 16th – 19th of May 2025 in Zhangjiajie country garden phoenix hotel, Hunan, P. R. China will pay a special attention on the relevant technologies to ensure such transformation.

The main theme of the conference covers,

- Fault Diagnosis and Intelligent Operation and Maintenance
- Energy Harvesting and Smart Sensing
- Dynamics and Vibration Control
- Renewable Power Generation and Maintenance
- Artificial Intelligence and Industrial Digitalization

The conference aims to provide an effective knowledge-sharing and exchange platform for field practitioners, specialists, academics and research students in machine and structural health monitoring, non-destructive testing and fault detection, diagnostic and prognostic for both operational and manufacturing processes. The conference is featured with keynote speeches by renowned scholars and researchers, a panel discussion on the new trends, opportunities and challenges in the era of Industry 4.0 by well-established industry leaders and researchers, as well as parallel technical sessions. The conference will also provide a sociable and professional environment for participants to encourage networking, forge new collaboration relationships and consolidate on the existing one.

Honorable Chair: Prof. **Andrew Ball**, University of Huddersfield

Honorable co-Chair: Prof. **Jyoti Sinha**, University of Manchester

Prof. **Carol Featherston**, Cardiff University

General Chair: Prof. **Kexiang Wei**, Hunan Institute of Engineering

General co-Chair: Prof. **Juchuan Dai**, Hunan university of science and technology

Prof. **Wenxian Yang**, University of Huddersfield

Conference website: www.unified2025.org

Paper submission link: <https://unified2025.uaauuu.com/submission/guidelines/>

Submission deadline: 26th of April 2025

Papers accepted and presented in the conference will be published in Unified Conference Proceedings and indexed by EI.

Registration fee: Early bird, ¥2800 (standard), ¥1500 (student). Regular, ¥3300 (standard), ¥1800 (student)

Enquiry: Dr. Xiong Shu, shuxiong@unified2025.org, +86 181 5271 8380

Organizer: Hunan Institute of Engineering, Hunan university of science and technology, University of Huddersfield



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Co-organizers:



Sponsors:

中国振动工程学会故障诊断专业委员会

中国振动工程学会动态测试专业委员会

中国振动工程学会转子动力学专业委员会

湖南省机械故障诊断与测控技术学会

2025 年智能运维、损伤评估与故障诊断创新发展国际会议

通 知

一、会议简介

“2025 年智能运维、损伤评估与故障诊断创新发展国际会议”(UNified 2025) 将于 2025 年 5 月 16 日至 19 日在中国湖南省张家界碧桂圆凤凰酒店召开。UNified 会议 (DAMAS、InCoME 和 TEPEN) 是 2019 年由英国哈斯菲尔德大学、曼彻斯特大学、卡迪夫大学联合国内清华大学、上海交通大学、北京理工大学等多所国内外知名高校发起,旨在为结构健康监测、无损检测、故障诊断与预测方面的现场从业者、专家、学者提供一个有效的知识共享和交流平台,先后由北京理工大学、河北工业大学、北京信息科技大学和内蒙古科技大学、哈斯菲尔德大学、青岛理工大学举办 6 届。本届会议由湖南工程学院、湖南科技大学、哈斯菲尔德大学(英国)联合举办,多家高校和企业合作承办。会议设置“故障诊断与智能运维、能量采集与智能传感、动力学与振动控制、可再生能源发电与运维、人工智能与工业数字化”5 个领域主题论坛,会议官网: www.unified2025.org。

二、会议日程

日期	时间	日程
5 月 16 日	09:00-21:00	现场报到
5 月 17 日	08:00-08:30	会议开幕式
	08:30-12:00	大会主题报告
	14:30-18:00	大会邀请报告
5 月 18 日	08:30-12:00	大会青年报告
	14:00-18:00	
5 月 19 日	09:00-21:00	离会

三、会议注册

会议收费:早鸟票(5 月 1 日前),2800 元(标准),1500 元(学生)。

普通票,3300 元(普通),1800 元(学生),交通和住宿自理。

酒店预订:中国·湖南省·张家界碧桂圆凤凰酒店,即时开放。

四、会务组联系方式

联系人:舒老师 18152718380,朱老师 19973279866,王老师 17607319932

UNified 2025 会议组委会

2025 年 2 月 9 日

附件

“2025 年智能运维、损伤评估与故障诊断创新发展国际会议” 回执

序号	姓名	单位	职务/职称	电话	预定酒店（豪华/行政/其他）	交通信息（航班/高铁/自驾）
1						
2						
3						

- 1. 酒店会议协议价：豪华标间（410 元/间），行政标间（320 元/间），其他房型。
- 2. 注册回执请发送至邮箱：shuxiong@unified2025.org，如有作报告需求请在 5 月 1 日之前联系会务组，或者直接加微信“19973279866”反馈参会信息。
- 3. 请各位参会专家/老师/同学填写好交通信息，以便会务组安排好接机/站服务工作。