

AMEM 2025

4th International Conference on Advanced Materials and Equipment

Manufacturing

第四届先进材料与装备制造国际会议

会议日程

Conference Program



郑州（线上） | Zhengzhou (Online)

2025 年 12 月 4-6 日 | December 4-6, 2025

大会简介

第四届先进材料与装备制造国际会议

4th International Conference on Advanced Materials and Equipment Manufacturing

第四届先进材料与装备制造国际会议（AMEM 2025）将于 2025 年 12 月 4-6 日在郑州（线上）召开。本届会议由国际应用科学与技术协会（IAAST）、纳米技术和多功能结构研究中心（NMSRC）主办，旨在为广大学者提供一个展示和讨论最新理论研究和技術进展的交流平台。

我们诚挚邀请来自全球的专家、学者、科研人员与会交流，共同探讨先进材料和装备制造领域的前沿趋势、最新热点，以及关键性挑战和解决方案，以此促进该领域的科研进步。

Introduction

第四届先进材料与装备制造国际会议

4th International Conference on Advanced Materials and Equipment Manufacturing

The 4th International Conference on Advanced Materials and Equipment Manufacturing (AMEM 2025) will be held during December 4-6, 2025 in Zhengzhou, China (Online). As an annual conference, AMEM 2025 aims to be an important platform that brings both industry and academia for the dissemination of technological advances, research results and applications in the fields of advanced materials and equipment manufacturing.

We warmly invite researchers and scholars around the world to attend the conference to present and discuss recent innovations, trends, challenges, and solutions in this field, while gaining inspiration for groundbreaking advancements.

组织机构

第四届先进材料与装备制造国际会议

4th International Conference on Advanced Materials and Equipment Manufacturing

主办单位:

国际应用科学与技术协会 (IAAST)

纳米技术和多功能结构研究中心 (NMSRC)

大会主席:

Michele Penza, 意大利 ENEA 研究所

王顺利, 内蒙古工业大学

Babak Safaei, 土耳其东地中海大学

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Bharat S. Chaudhari, MIT World Peace University, India

Debao Zhou, University of Minnesota Duluth, USA

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Gnanasambandam Anbuezhayan, Saveetha Institute of Medical and Technical Sciences, India

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Michael Tribelsky, Lomonosov Moscow State University, Russia

Mohamad Abou Houran, Xi'an Jiaotong University, China

Mohammed Bsher A. Asmael, Queen's University Belfast, UK

Muhammad Usman, University of Science and Technology Beijing, China

Naveen Kumar, Sanjivani College of Engineering, India

Neeraj Gupta, NIT Srinagar, India

Nilgun Baydogan, Istanbul Technical University, Turkey

Osman Adiguzel, Firat University, Turkey

Paulo Cesar de Moraes, Catholic University of Brasília, Brazil

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Shaojun Yuan, Sichuan University, China

Tokeer Ahmad, Jamia Millia Islamia, India

Umer Younis, Peking University, China

Wei Xu, Huazhong University of Science and Technology, China

Wenlong Li, Huazhong University of Science and Technology, China

Yogesh Shrivastava, Galgotias College of Engineering and Technology, India

Organization

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Sponsors

International Association of Applied Science and Technology (IAAST)

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Below time marked is Beijing Time: UTC+8:00 会议日程安排时间为中国北京标准时间	
December 5, 2025 (Friday) / 2025 年 12 月 5 日 (周五)	
VooV Meeting Link / 腾讯会议室链接: https://meeting.tencent.com/dm/hft7UgDpbb5V	
Meeting ID / 会议室 ID: 233-242-380	
14:00-14:10	Opening Ceremony 会议开幕
14:10-14:40	Keynote Speech 1 / 主讲报告 1: Prof. Osman Adiguzel Firat University, Turkey / 土耳其弗里特大学 Title: Shape Reversibility and Temperature-Deformation Relations in Memory Behavior of Shape Memory Alloys 报告题目: 形状记忆合金记忆行为中的形状可逆性与温度变形关系
14:40-15:10	Keynote Speech 2 主讲报告 2: Dr. Artur Czerwinski Nicolaus Copernicus University in Torun, Poland / 波兰托伦哥白尼大学 Title: Satellite-Based Quantum Internet: Optical Technologies in Space 报告题目: 基于卫星的量子互联网: 太空中的光学技术
15:10-15:40	Keynote Speech 3 主讲报告 3: Prof. Raul Campilho University of Porto, Portugal / 葡萄牙波尔图大学 Title: A Floating Base with Reconfigurable Geometry for a Drone Supporting USV 报告题目: 一种具有可重构几何结构的浮式基座, 用于支持无人水面航行器的无人机系统
15:40-16:10	Keynote Speech 4 主讲报告 4: Prof. Tokeer Ahmad Jamia Millia Islamia, India / 印度国立伊斯兰大学 Title: Developing Cost-effective Heterostructures for Sustainable Green H2 Energy using Overall Catalysis 报告题目: 利用整体催化技术开发经济高效的异质结构以实现可持续绿色氢能源的生产

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16:10-16:40	Keynote Speech 5 主讲报告 5: Prof. Paulo Cesar de Moraes Catholic University of Brasília, Brazil / 巴西巴西利亚天主教大学 Title: Prospecting graphene quantum dots application in oncology 报告题目：探索石墨烯量子点在肿瘤学领域的应用
16:40-18:00	Oral Presentation 口头汇报
December 6, 2025 (Saturday) / 2025 年 12 月 6 日（周六）	
9:00-12:00	Oral Presentation 口头汇报
12:00	Closing Ceremony 闭幕式