

Editorial Board

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Active Grants

ASEAN-India

Collaborative Project

Title: Development of Titanium-steel and Nickel-titanium bimetallic structures through additive manufacturing for structural and aerospace applications

Preface

Appointment as a conference chairman is widely regarded as a significant honor and recognition of expertise, leadership, and contributions to their field. Such an appointment is often seen as a career milestone that validates the individual's standing among their peers. Serving as a conference general chairman is a high-stakes, prestigious, and intensely demanding leadership role that serves as the figurehead for the entire organizing committee. It is not an easy role and involves balancing administrative oversight, strategic vision, and navigating complex interpersonal dynamics between 6 to 12 months period.

The School of Mechanical Engineering, Universiti Sains Malaysia Tuanku Syed Sirajuddin Engineering Campus is organizing the 2nd International Conference on Recent Advances in Industrial Engineering and Manufacturing (ICRAIEM 2026). The last conference was held in 2018. The two-day conference event will cover technical programs including keynote lectures and technical paper presentations. The event is in conjunction with 25th anniversary of the campus.



**KAMPUS KEJURUTERAAN TUANKU SYED SIRAJUDDIN
 UNIVERSITI SAINS MALAYSIA**

Wishing for successful and meaningful event for ICRAIEM 2026.

Congratulations Aimin

The 9th of April 2026 is a big and memorable day to Jiang Aimin. After spending almost 3 years, today he is conditionally completing his PhD journey. His first question to me was how to complete his study in 3 years. Now he realized his dream. Not just complete within 3 years, he also managed to publish in a very good journal, one of it is in Progress in Additive Manufacturing journal, among the top journal publish papers related to additive manufacturing, Congratulation Jiang Aimin. The title of his thesis is Interfacial Microstructure Formation Mechanisms and Control Strategies of IN718/18Ni300 Dissimilar Metals Fabricated by CMT-Based Wire Arc Additive Manufacturing

LIST OF PUBLICATIONS

1. Aimin, J., Abdullah, A. B. & Pramodkumar, S. (2024). Research progress on arc-based additive repair (AAR) technology for metal parts. Engineering Research Express, 6, 032401.
2. Aimin, J., Abdullah, A. B. & Mohd Yusuf, S. (2025). Microstructures and mechanical properties of 316LSi/IN625 FGMs manufactured by CMT-WAAM. Advances in Mechanical Engineering, 17, 16878132251401756.
3. Aimin, J. & Abdullah, A. B. (2026). Multiscale Regulation of Interfacial Behavior in CMT of Dissimilar IN718–18Ni300 Bimetal under Different Deposition Strategies. Progress in Additive Manufacturing, 11, 2747-2764



Welcome Baqer

Welcome Mr. Habib Baqer Salem to the Metal Forming Research Lab USM Tuanku Syed Sirajuddin Engineering Campus. He is from Kuwait and will further his PhD study effective 1st of April 2026. His project is on optimization of springback in sheet metal forming process and effect of precut holes.



To date, members of MFRL came from various countries including China, India, Iraq, Nigeria, Kuwait and also local students from Malaysia. They came from different backgrounds, academican, engineer, researcher and vocational trainer.

Contact Details

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IN COMING EVENT

School Of Mechanical Engineering

UNIVERSITI SAINS MALAYSIA

APEX®

ICRAIEM 2026
INTERNATIONAL CONFERENCE ON RECENT ADVANCES
IN INDUSTRIAL ENGINEERING AND MANUFACTURING

Co-organizers

MPR
Maths Proofread

SETIA SPICE

The 2nd International Conference on Recent Advances on Industrial Engineering and Manufacturing 2026

For more details, please visit
<https://icraiem.eng.usm.my/>

28th-29th October 2026
Setia Spice Arena, Penang

Call for papers! Are you interested to be an invited speaker?
Submit your CV to mebaha@usm.my

Topic of Interest:

- Advanced materials
- Additive manufacturing
- Automated assembly
- Computer integrated manufacturing
- Data mining
- Machine tools technology
- Machining and forming technology
- Micro and nanofabrication
- Manufacturing automation and robotics
- Materials joining
- Modeling and simulation
- Precision machining
- Precision measurement and metrology
- Precision manufacturing and control
- Reverse engineering
- Smart manufacturing
- Sustainable and green manufacturing
- Tool condition monitoring
- Virtual manufacturing
- Machine vision and automated inspection
- Artificial Intelligence
- Data mining
- Ergonomics and human factors
- Facility management
- Human factors engineering
- ICT and information system
- IoT in manufacturing
- Lean manufacturing
- Logistics and materials handling
- Machine learning
- Maintenance engineering
- Modeling and simulation
- Operations research
- Optimization and simulation
- Quality & reliability
- Safety Engineering
- Scheduling
- Supply chain management
- Systems engineering
- Production planning and inventory control

Important Datelines:

- **Start 1st Mac 2026**
Registration & Full paper submission
- **Before 1st July 2026**
Early bird registration with full paper submission
- **2 weeks after full paper submission**
Notification of acceptance
- **Before 15th October 2026**
Revised full paper submission and full payment

*Accepted paper will be published in Scopus journal/proceeding

Conference fee:

International Participant
Presenter :USD 600
Early bird :USD 500
Audience :USD 300

Local Participant
Presenter: RM 1800
Early bird : RM 1500

USM Participant
Presenter: RM 1500
Early Bird : RM 1300
Local Audience: RM 800

SCAN FOR REGISTRATION & PAPER SUBMISSION



*Group registration (more than 3) will get 10% discount