



澳門大學
UNIVERSIDADE DE MACAU
UNIVERSITY OF MACAU

★ About the Organizer ★

The **University of Macau (UM)** is a comprehensive research-oriented public university of international repute. It features a multicultural campus and a distinctive whole-person education system. UM emphasises 'knowledge integration' and 'collaborative innovation', aiming to promote interdisciplinary integration, foster innovative research, cultivate innovative talent for society, and produce high-impact research results.



UM is ranked:

THE 2025-2026 Ranking:

145 in World University Rankings
14 in Young University Rankings
28 in Asia University Rankings



QS 2027 Ranking:

267 in World University Rankings



US News 2026-2027 Ranking:

206 in Best Global Universities
49 in Best Global Universities in Asia



Key Dates

Submission Deadline: 10 May 2027
Early Bird Registration Due: 20 May 2027
Presentation Date: 21-22 July 2027
Field Visit: 23 July 2027

MSAM 2027

The 10th International Conference on
Materials Strength and Applied Mechanics

20-23 July 2027 | Macao, China



★ Welcome to MSAM 2027 ★

Organized by the **University of Macau**, the 10th International Conference on Material Strength and Applied Mechanics (MSAM 2027) will be held in Macao, China, on 20-23 July 2027.

The MSAM conference is an annual event launched in Japan in 2018 and has been held successfully in Matsue (Japan), Shenzhen, Macau, Qingdao (China), Győr (Hungary), Kyiv (Ukraine), Kitakyushu (Japan), and Online. The event has become an important academic platform for professors, scientist, young scholars and engineers worldwide to exchange ideas in the field of material strength and applied mechanics and foster collaboration.

Conference Program

20 July 2027	Registration & Welcome Reception
21 July 2027	Opening Speech, Plenary Speech Poste Session, Keynote Speech Invited Speech & Oral Presentation Macao Local Experiences
22 July 2027	Invited & Oral Presentation Awarding Banquet
23 July 2027	Lab & Campus Visit



Technical Program Committee

General Chair

Prof. Guoxing Sun, Institute of Applied Physics and Materials Engineering, Director of Advanced Materials R&D Centre, Zhuhai UM Science & Technology Research Institute, University of Macau, China



Technical Committee Chairs

Emeritus Professor Chih-Huang Weng, I-Shou University
Dr. Yuan Chen, Southern University of Science and Technology, China

International Scientific Committee

Prof. Raul Campilho, Instituto Superior de Engenharia do Porto, Portugal
Prof. Klaus Holschemacher, HTWK Leipzig, Germany
Dr. Alexander Khotsianovsky, Pisarenko Institute of Problems of Strength, NASU, Ukraine
Prof. Nao-Aki Noda, Kyushu Institute of Technology, Japan
Prof. Kazuhiro Oda, Oita University, Japan
Prof. Majid Movahedi Rad, Széchenyi István University, Hungary
Prof. Tadeusz Szymczak, Motor Transport Institute, Poland

More committee members <https://www.msamconf.org/TPC>

How to join us

- ◆ Submit an abstract for **Oral/Poster** Presentation;
- ◆ Submit a full paper for **Publication** in the conference proceedings or a journal;
- ◆ Email to the Committee to join as a **Listener**;
- ◆ Send your CV for acting as a **Reviewer**.

REGISTRATION via <https://www.msamconf.org/>



Contact Us

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Website: www.msamconf.org



Wechat



Website



Topic of Interests

Strength of Materials

Fatigue
Stress Analysis
Solid Mechanics
Fracture Mechanics
Cyclic Deformation
High Strength Alloys
Ductile and Brittle Fracture
Mechanics of Nanomaterials
Mechanics of Biomaterials
Materials Forming
Plastic Deformation
Phase Transformations
Materials Engineering
Notch Mechanics
Mechanics of Metals
High Temperature
Deformation
Numerical Methods and
Optimal Design of Structures

Applied Mechanics

Vibration
Contact Mechanics
Structural Mechanics
Particle Mechanics
Boundary Layers
Wave Propagation
Welding & Joining
Heat and Mass Transfer
Experimental Mechanics
Renewable Energy Mechanics
Surface Engineering/Coating
Scale Bridging Materials
Modeling
Plasticity, Fracture, and
Damage Mechanics
Computational Mechanics
Materials Properties,
Measuring Methods and
Applications

Submission and Publication

- Abstracts/full papers should be submitted to MSAM 2027 via the conference official website;
- Accepted presented abstracts will be included in the abstract proceedings for academic exchange only;
- Accepted full papers will be published in the conference proceeding: IET Conference Proceedings (indexed in Scopus & EI Compendex);
- Selected high quality papers can be recommended to some EI/SCI journals as below:

- Strength of Materials IF: 0.8
- Journal of Theoretical and Applied Mechanics IF: 0.9
- Applied Rheology IF: 2.9
- Materials Science-MEDZIAGOTYRA IF: 0.8
- Advanced Manufacturing: Polymer & Composites Science IF: 3.3



Conference Venue

The University of Macau (UM) 澳门大学

Venue Location: UM Guest House (澳大N1聚贤楼)

Address: N1, Avenida da Universidade, Taipa, Macau, China

Registration Fee

Participation Type	Early Bird Registration Fee (Before 20 May, 2027)
Standard Registration	HKD 3500
Student/Co-author/Listener	HKD 3000



AWARDS

- MSAM 2027 Excellent Young Scientist Awards
- Best Oral Presentation Awards
- Best Poster Presentation Awards

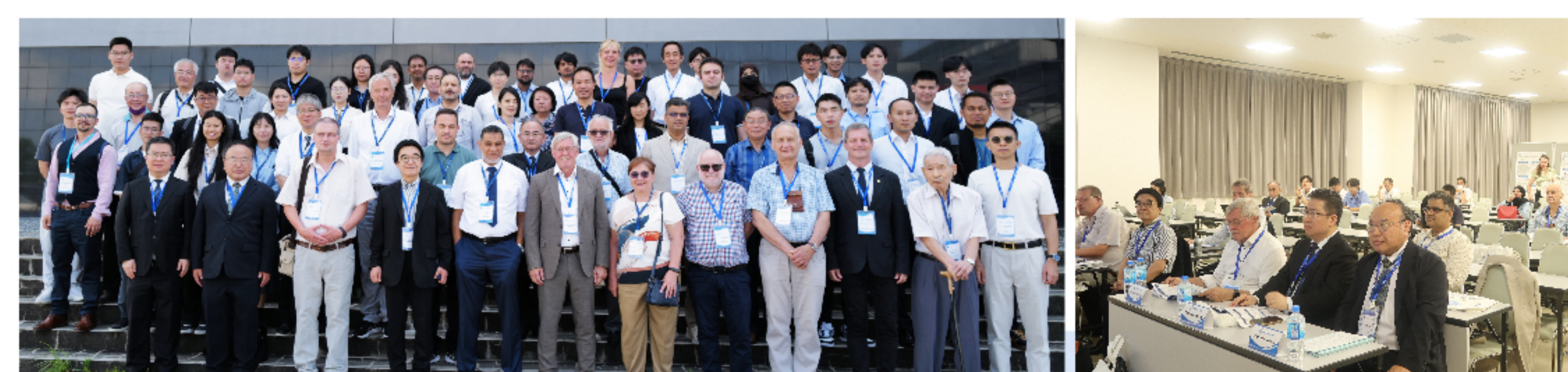


All awards will be announced and presented during the awarding banquet dinner on 22 July, 2027.

Presentation Time Allotted

Plenary Speech	35 min
Keynote Speech	30 min
Invited Presentation.....	20 min
Regular Oral Presentation.....	15 min
Poster Presentation.....	30 min - 1 hour

PAST CONFERENCES GALLERY



2026 in Matsue, Japan

2025 in Shenzhen, China

2024 in Gyor, Hungary

Join us in MSAM 2027 in Macao!

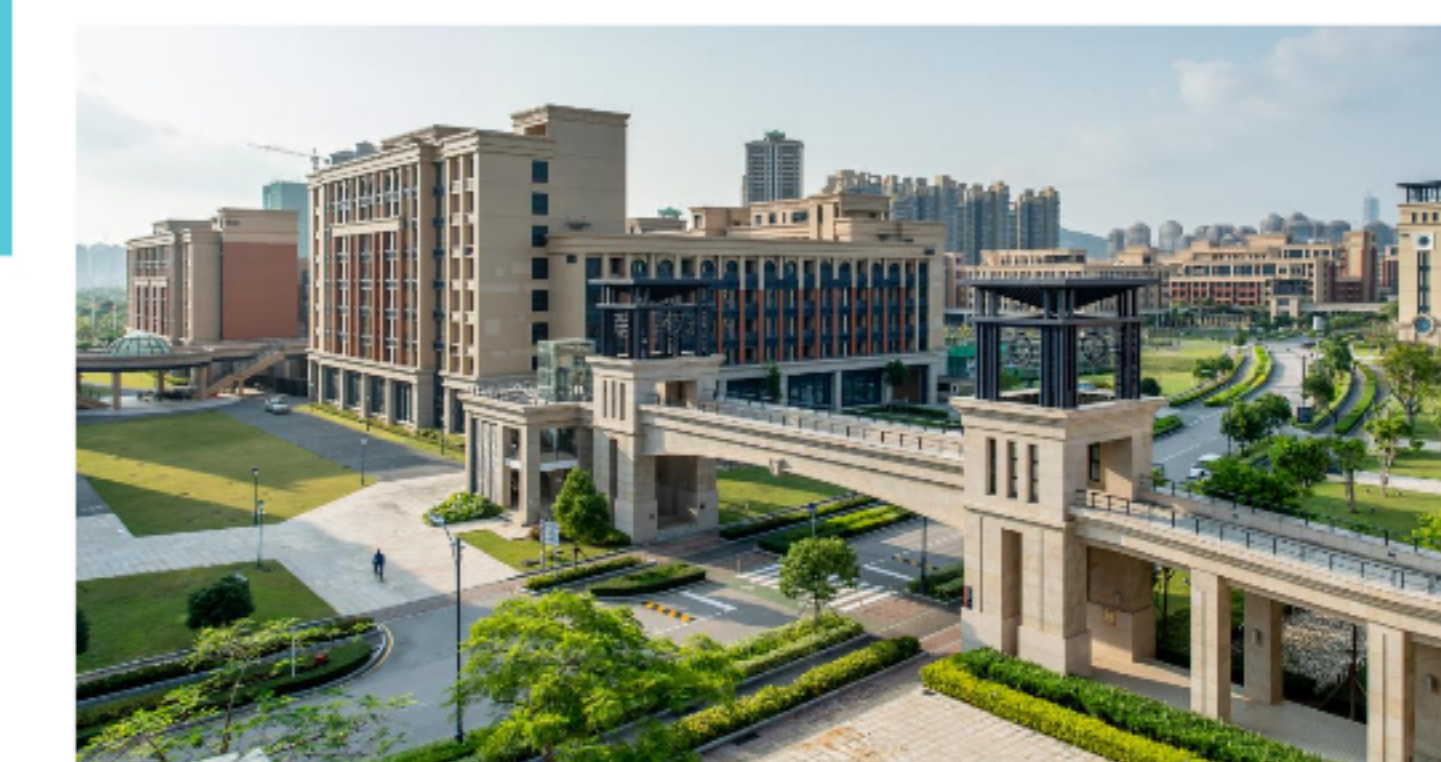


Field Visit

Lab & Campus visit on 23 July

9 AM – 11 AM, 23 JULY 2027

UM Guest House (Start from 9 am) → Institute of Applied Physics and Materials Engineering (IAPME) Exhibition Hall → Macao Centre for Research and Development in Advanced Materials → University Gallery (E1)



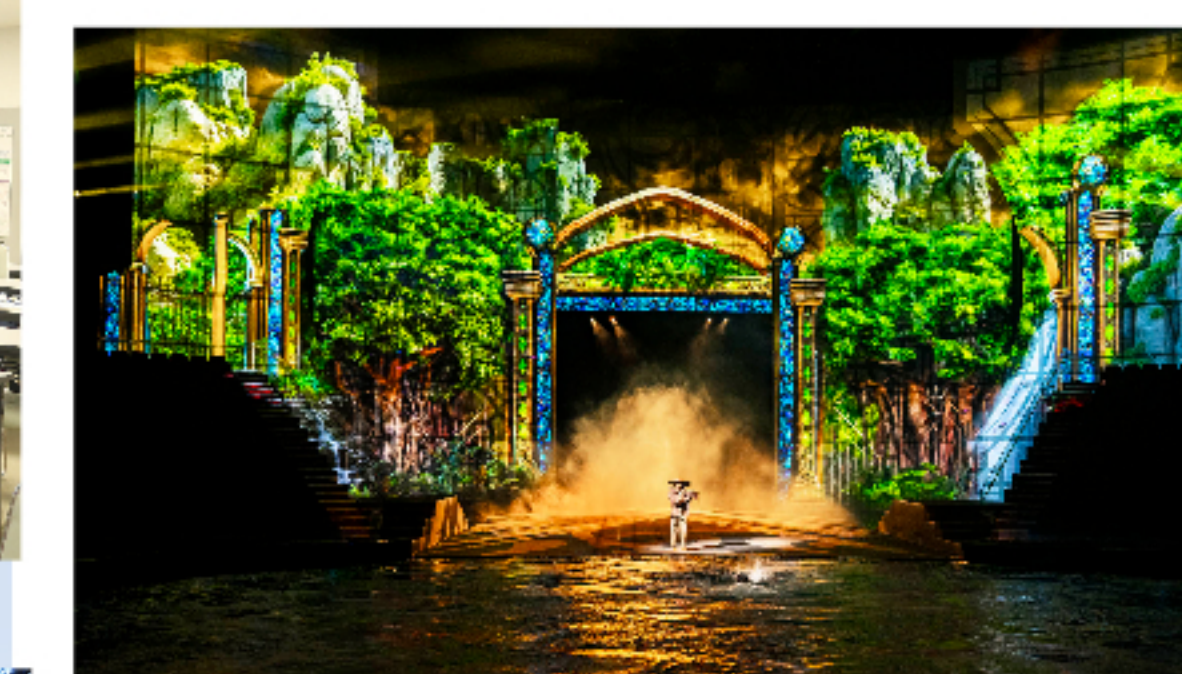
Local Experiences

On Wednesday, 21 July 2027

As the evening of 21 July is free of academic activities, the Organizing Committee has selected three highly recommended experiences as below for participants to explore.

Notice

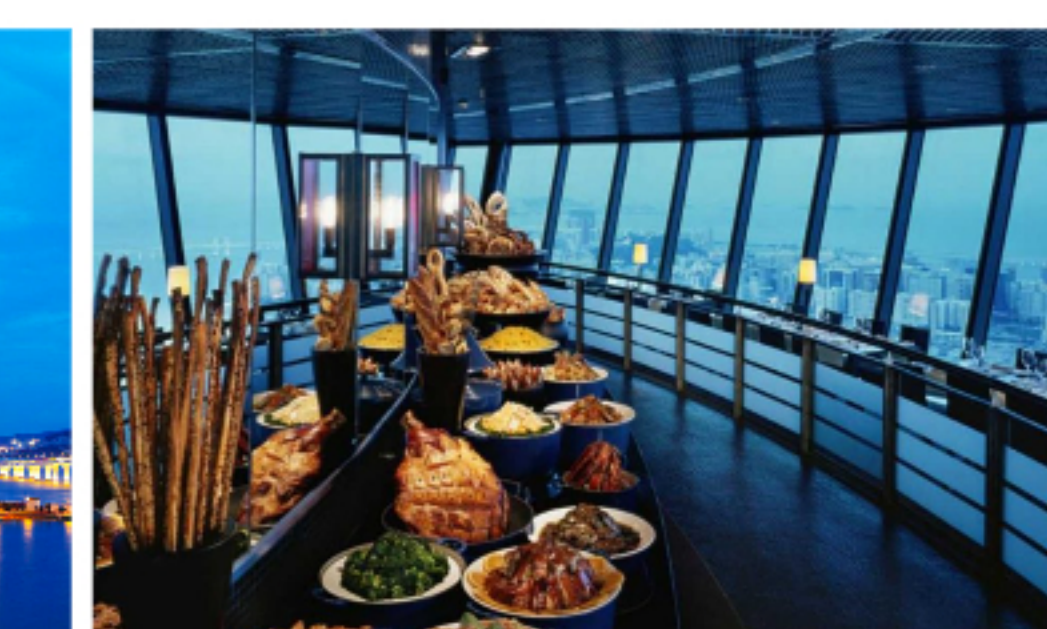
These experiences are not included in the conference registration fee, but discounted tickets are available for booking.



House of Dancing Water

A once-in-a-lifetime aquatic show. Witness an epic clash of love and adventure, light and darkness, featuring breathtaking aerial acrobatics and cutting-edge technology.

The 360° Café at Macau Tower



A continuous change of scenery elevates your dining experience at the revolving 360°Café on the 60th floor of Macau Tower, a few hundred metres above the city.

Macau 2049

A groundbreaking high-tech show that combines futuristic innovation with the timeless beauty of 8 Chinese intangible cultural heritages. The show features cutting-edge laser effects, dynamic music, and stunning visuals, creating an unforgettable spectacle.

