

# 37th Architectural Research Achievement Conference

9th National Architecture Design Teaching and Architecture Education Forum

 **【Call for Papers Announcement】**

Organizer: ARCHITECTURAL INSTITUTE OF TAIWAN

Executive Unit: Architecture Department, Ming Chuan University

Submission Deadline: April 11, 2025 (Friday)

Review Results Announcement: April 29, 2025 (Tuesday)

Presentation Date: June 21, 2025 (Saturday)

Presentation Venue: No. 5, Deming Road, Guishan District, Taoyuan City
Ming Chuan University, School of Design Lecture Hall

\*In light of the increasing number of international students, and to provide high-quality opportunities for international exchange, submissions and presentations in English or bilingual formats are encouraged.

## **1. Call for Papers Announcement**

A. Submission Guidelines

1. Full-text submissions should be made in (Word and PDF formats) via the online system. Papers will only be published after passing the review process. Presentations can be either "Oral Presentation" or "Poster Presentation." Please select the preferred option during the submission process.
2. The first author of the research results must be a member of the ARCHITECTURAL INSTITUTE OF TAIWAN and must complete membership fee payment before submission. Non-members can apply for membership on the Association's website: http://member.architw.org.tw.
3. Please visit http://abstract.architw.org.tw/abstract to register and complete the submission form. The registration fee is NT$2,000 per paper. Please include the first author's name in the payment notes.
4. Submission Deadline: April 11, 2025 (Friday).
5. Members may submit a maximum of two papers as the first author.
6. The full text of the research results must follow the format provided by the Association. The paper, including figures, tables, and references, should not exceed 6 pages (even-numbered). Both Word and PDF versions must be uploaded to the conference website http://abstract.architw.org.tw/abstract before the deadline. Files must not exceed 10MB; larger files should be compressed into RAR or ZIP formats. File names are limited to alphanumeric characters only.
7. For "Oral Presentations," presenters should upload their presentation files to the laptop provided at the venue upon arrival and ensure they reach the designated location on time.
8. For "Poster Presentations," the poster size should be A0, limited to one poster per presentation. Presenters should bring their posters to the venue and post them in the designated area on the day of the conference.
9. Review Results Announcement: April 29, 2025 (Tuesday). Results will be posted on the websites of the ARCHITECTURAL INSTITUTE OF TAIWAN and Ming Chuan University Architecture Department. First authors will also be notified via email.
10. For papers that do not pass the review, a refund request must be submitted by May 6, 2025, via email or fax to the ARCHITECTURAL INSTITUTE OF TAIWAN. A refund of NT$1,500 will be issued.
11. The conference schedule and agenda will be sent via email or can be checked on the websites of the ARCHITECTURAL INSTITUTE OF TAIWAN and Ming Chuan University Architecture Department.
12. The registration fee includes participation in the conference and one copy each of the conference handbook and a USB drive containing the full text (provided to the first author only).
13. The first author of an accepted paper must present it in person at the conference. If neither the first author nor the co-authors can attend, they must notify the organizing unit in advance and may designate another person to present. However, the paper will not be eligible for the Outstanding Research Achievement Award.
14. Upon acceptance, the author agrees to grant the ARCHITECTURAL INSTITUTE OF TAIWAN and any other authorized databases permission to digitize, reproduce, and enhance the work. This includes making the work available electronically via offline, internet, or wireless networks for public access, inclusion in databases, and providing services such as search, browsing, downloading, transmission, and printing. The author is responsible for any legal liabilities if the research content infringes on others' copyrights or involves commercial promotion.

B. Scope of Research Outcomes Topics

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| 1 | General Discussion | Policies, regulations, and education related to architecture (including design education, engineering instruction, community education, general education, curriculum accreditation, educational accreditation, etc.), as well as social issues and their implications. |
| 2 | Ecology and Sustainability | Urban renewal, sustainable cities, sustainable urban and rural development, ecological community design, landscape ecology research, landscape architecture, sustainable architecture, energy-efficient buildings, green buildings, and ecological construction methods. |
| 3 | Planning and Design | Urban history, urban design, urban planning, site planning, architectural planning, community planning, disaster prevention planning, urban and architectural disaster prevention, disaster prevention case studies, and environmental impact assessments. |
| 4 | Architectural Design | Design methods, architectural types, residential complexes, and design critiques. |
| 5 | Architectural History and Theory | Architectural history, architectural theory, traditional settlements, vernacular architecture and housing, evaluation methods and tools, and representation methods and tools. |
| 6 | Building Environmental Technology | Building physics, environmental control, and smart buildings. |
| 7 | Building Engineering Technology | Engineering technology, building materials, construction methods, disaster prevention, building structures, diagnostics and reinforcement, renovation techniques, and heritage conservation. |
| 8 | Architectural Economics and Management | Architectural economics, building management, land issues, real estate, building systems and management, building maintenance systems, property management, apartment building management, and school building management. |
| 9 | Computer Applications | Thinking and reasoning, representation and simulation, digital architecture, computer-aided design and manufacturing, building information systems, decision support systems, and artificial intelligence. |
| 10 | Environmental Behavior | Environmental and behavioral studies, environmental psychology, gender and space, space and safety, barrier-free environments, welfare architecture, and universal design. |
| 11 | Interior Design | Interior design, interior engineering management, interior space quality, spatial perception and behavior, spatial intelligence, and simulation. |
| 12 | Others | Other topics not included in the above categories. |

## **2. Design Work Submission Announcement**

A. Submission Guidelines

1. Design works (including engineering design works) may be presented as a poster or paper. In addition to the design drawings, submissions must include the title, design concept, and design description. The formats for posters and papers should follow the guidelines of the current Research Achievement Presentation Conference, and all submissions must be made online.
2. The first author of the design work must be a member of the ARCHITECTURAL INSTITUTE OF TAIWAN and must complete the membership fee payment before submission. Non-members can apply for membership at the Association's website: http://member.architw.org.tw.
3. Registration should be completed on the ARCHITECTURAL INSTITUTE OF TAIWAN's Architecture Research Achievement Presentation Conference website: http://abstract.architw.org.tw/abstract. The registration fee is NT$2,000 per paper. When making the payment, please specify the "Design Work Title" and the "First Author's Name."
4. Submission Deadline: April 11, 2025 (Friday).
5. The conference time and agenda will be sent via email, or one may check the websites of the ARCHITECTURAL INSTITUTE OF TAIWAN and the Ming Chuan University Architecture Department for updates.
6. The registration fee covers participation in the conference and includes one copy each of the conference handbook and a USB drive containing the full text (provided to the first author only).
7. Once a design work is accepted, the author agrees to authorize the ARCHITECTURAL INSTITUTE OF TAIWAN to digitize, reproduce, and enhance the work, as well as to include it in the database, produce, publish, and sell it. Users will have access to services such as search, browsing, downloading, transmission, and printing. If the content of the design work infringes on others' copyrights or involves commercial promotion, the author will bear full legal responsibility.

B. Design Work Themes

Urban planning design, architectural planning design, landscape planning design, land planning design, interior design, urban renewal design, architectural renovation design, engineering design (such as new construction methods and renovation/reconstruction projects), and digital fabrication.

## **3. Call for Papers for the National Architecture Design Teaching and Architecture Education Forum**

A. Submission Guidelines

This event will consist of three parts:

1. Poster or Paper Submission
2. Oral Presentation
3. Architecture Design Education Special Issue Publication
4. **Poster or Paper Submission**
The submission deadline is April 11, 2025 (Friday). The conference time and agenda will be sent via email, or you may check the websites of the ARCHITECTURAL INSTITUTE OF TAIWAN and the Ming Chuan University Architecture Department for updates. The poster and paper formats should follow the same guidelines as the Research Achievement Presentation Conference.
5. **Oral Presentation**

The Architecture Education Committee from the ARCHITECTURAL INSTITUTE OF TAIWAN will review the posters and papers and select outstanding submissions for oral presentations during the Architecture Education Forum on June 21, 2025. The presentation time and agenda will be sent via email, or you may check the websites of the ARCHITECTURAL INSTITUTE OF TAIWAN and the Ming Chuan University Architecture Department for updates.

1. **Architecture Design Education Special Issue Publication**Participants who deliver oral presentations and whose topics focus on architecture design teaching may submit their presentation content or an expanded and revised version for publication in the Architectural Journal (TSSCI), under the section "Architecture Design Teaching and Architecture Education." Submissions will be reviewed and published upon approval.

B. Themes for Architecture Design Teaching and Architecture Education

The primary focus of this forum is on teaching architecture design courses, with supplementary topics related to architecture education. The target participants are university faculty members in the architecture field. Suggested themes include:

Architectural design and practical construction

Architectural design and social practice participation

Multi-experimentation in architectural design teaching

Architectural design and digital development

Architectural design thematic studios

Future trends and challenges in architectural design education

Other innovative topics related to architectural design teaching

Other topics related to architecture education

## **4. Outstanding Research Achievement Presentation Award**

The review committee will propose a list of outstanding presentations, which will then be recommended by the host during the conference. Winners will receive a certificate to encourage their efforts, and the results will be announced online. To qualify for the award, the following conditions must be met: making a contribution to academia, design, or teaching practice; the first author must present the paper in person, and the oral presentation must be clear, with effective time management.

**Contact Information**

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Submission System for the Architecture Research Achievement Presentation Conference: <https://www.architw.org.tw/abstract>

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