世界数字教育联盟
WORLD DIGITAL EDUCATION ALLIANCE

# A Global Call for Best Practices in AIED Scenario-Driven Educational Transformation: Theory, Practice and Technology

Building on the success of last year's initiative, the World Digital Education Alliance (WDEA) proudly presents the new round of ***A Global Call for Best Practices in Artificial Intelligence in Education (AIED): Scenario-Driven Educational Transformation—Theory, Practice and Technology.*** This call welcomes contributions demonstrating meaningful, ethical, and scalable AI applications. This year, we place a special emphasis on AI for Science (AI4S) to highlight how AI is accelerating scientific discovery and transforming research and education. Selected cases will be announced at the 2027 World Digital Education Conference, and will be considered for a Springer publication. We welcome contributions that advance inclusive, equitable, and human-centred AI in education globally.

## I. Scope

Contributions should address the use of artificial intelligence in education at any stage or type of learning: basic education, higher education, technical and vocational education, and lifelong learning. The volume is organised around three complementary scenarios:

- **Theory:** conceptual frameworks, policies, and governance of AI in education.
- **Practice:** field experiences, implementation in institutions and classrooms, and demonstrated outcomes.
- **Technology:** AI tools, platforms, and technical solutions applied to teaching, learning, assessment, and management.

These three scenarios are designed to capture the full spectrum of AI's impact, including the rapidly growing field of AI for Science (AI4S), which can be explored through theoretical foundations, technological development, or practical application.

The categories of the 2025 call remain valid as a reference.
(https://wdea.bnu.edu.cn/News/News1/d0815ee5ce3a4208bcffbc851db04e36.htm)

## II. Who can contribute

The call is open to researchers, teachers, education professionals and institutions worldwide. WDEA member institutions are the primary audience, and submissions are also welcome from non-member entities, including universities, K-12 schools, vocational colleges, international and regional organizations, educational research institutions and education technology enterprises, as well as individuals in relevant fields.

## III. Submission format

Submissions should be no more than 7,000 words, in APA style, and written in English. Submissions must include the core content listed below, with emphasis according to the track selected (see Table 1).

Authors must also adhere to the APA policy on generative AI.
(available at: https://www.apa.org/pubs/journals/resources/publishing-tips/policy-generative-ai).

Table 1. Tracks and required content

| Track | Required content |
|---|---|
| Theoretical Research | 1. Research questions and objectives<br>2. Theoretical framework and research methods<br>3. Main findings and core arguments<br>4. Implications for policy and practice |
| Practical Application | 1. Educational challenges addressed<br>2. Implementation process and operating model<br>3. Key innovations and unique features<br>4. Evidence of impact and results<br>5. Plan for scaling and replication |
| Technology Development | 1. Application scenarios and user needs<br>2. System architecture and technical solution<br>3. Key technical advances and indicators<br>4. Validation and testing results<br>5. Future application and scaling pathway |
| *Note: Submissions across all three tracks are particularly encouraged to explore the intersection of education and AI for Science (AI4S), addressing how AI accelerates scientific discovery and how this can be integrated into educational frameworks.* | |

## IV. Evaluation criteria

All submissions will be evaluated based on the following criteria:

- **Innovativeness:** Originality in theoretical insight, practical model, or technical solution, clearly distinguishable from existing research and common applications.
- **Impact and value:** Objective data, evidence of results, awards, or third-party evaluations demonstrating academic, practical, or application value.
- **Replicability:** Clear scaling pathways and localisation adaptations.
- **Authenticity and accuracy:** Detailed, focused, and accurate submissions, free of intellectual property disputes.

## V. Contact

Submit the Case Application Form (Attachment 1) in both PDF and Word format, named "applicant name + case title" to the WDEA Secretariat at wdea@bnu.edu.cn. Supplementary materials should be uploaded to a cloud drive, with links valid until at least 31 May 2027.

**“Deadline: 20 February 2027, 24:00 Beijing time.”**