

# Call for Papers

## Special Issue on Artificial Intelligence in Measurement – Emerging Innovations and Challenges

### Applied Measurement in Education

Guest Editors: Mark D. Shermis (Performance Assessment Analytics, LLC) and Brian French (Washington State University)

### Overview

Artificial Intelligence (AI) is transforming educational and psychological measurement—from test design and delivery to scoring, interpretation, and feedback. Yet, its rapid integration raises pressing questions about validity, fairness, security, and ethics. This special issue of *Applied Measurement in Education* (September 2026) invites researchers, practitioners, and innovators to submit proposals exploring how AI is reshaping measurement science and practice.

### Focus Areas

- **AI in Assessing and Scoring Complex Constructs**
  - Automated scoring of essays, simulations, or performance tasks
  - AI interpretability and explainable models
  - Assessing interpersonal or intrapersonal skills using AI
  - New evaluation metrics and their limitations
- **Test Security in the Era of AI**
  - AI tools for detecting cheating, collusion, or item harvesting
  - Forensic data analysis using AI
  - Challenges of generative AI for test integrity
- **Fairness, Bias, and Equity**
  - Algorithmic bias detection and mitigation
  - Inclusive design for diverse populations
  - Accessibility and accommodations in AI-based testing
- **Ethical and Legal Implications**
  - Data privacy and security in AI assessments
  - Regulatory and policy perspectives

## Emerging Frontiers

- Adaptive and Personalized Learning – AI-driven adaptive testing and learning pathways
- AI-Generated Formative Feedback – Real-time automated feedback and its impact on learning
- Gamification in Measurement – AI analytics in game-based assessments
- Human-AI Collaboration – Psychometricians co-designing assessments with AI systems

## Submission Details

Proposal Length: 800 words

Include: Title, authors, affiliations, purpose, methodology, anticipated findings/contributions, and relevance to the theme

Submission Deadline: January 5, 2026

Notification of Acceptance: February 1, 2026

Full Manuscript Due: June 1, 2026

Publication Date: September 2026

## Submit Proposals To

Mark D. Shermis – mshermis@gmail.com

Brian French – frenchb@wsu.edu

## Why Contribute?

- Be part of the definitive conversation on AI and measurement.
- Publish in a leading journal shaping the future of educational assessment.
- Influence theory, policy, and practice in the evolving AI-measurement landscape.

*Join us in defining how Artificial Intelligence will transform the science and practice of measurement.*

---