



2026 INTERNATIONAL TEST CONFERENCE

OCTOBER 11 - 16, 2026, SAN ANTONIO, TX, USA

Special Call For AI User Forum

Artificial Intelligence (AI) is rapidly transforming the way engineers interact with semiconductor test, debug, validation, and analytics workflows. From LLM-assisted scripting and automated document handling to fully agentic analytics systems capable of planning and executing complex tasks, AI technologies are increasingly becoming part of day-to-day engineering practice.

To foster open discussion and community learning around these emerging practices, **ITC 2026 introduces a new venue for the first time: the AI User Forum** — a dedicated venue for engineers, researchers, and practitioners to share *real-world experiences* applying AI technologies within semiconductor testing and related engineering workflows. The AI User Forum focuses on practical experiences, lessons learned, deployment observations, workflow integration challenges, and organizational adoption of AI technologies.

The forum welcomes presentations from participants who are:

- Using commercial AI assistants or coding copilots in engineering workflows.
- Developing custom AI agents, agentic systems, or automation frameworks.
- Applying LLMs to semiconductor test and product engineering tasks.
- Experimenting with AI-assisted data analytics, report generation, debug support, or documentation workflows.
- Evaluating organizational scalability, trustworthiness, and engineering productivity impacts of AI systems.

IMPORTANT NOTE ON SCOPE: Contributors are encouraged to discuss not only successful deployments, but also limitations, reliability concerns, organizational barriers, scalability challenges, and situations where AI technologies may not yet be mature enough for practical adoption.

Multiple technical sessions will be allocated to the AI User Forum. Accepted proposals will:

- Deliver a short presentation of their work during the AI User Forum sessions.
- Prepare a poster for interactive discussion during the Wednesday poster session.
- Optionally submit a 2-page summary paper for inclusion in the formal conference proceedings.

Submission Guidelines: Authors are invited to submit a 1–2 page proposal (<https://easychair.org/conferences/?conf=itc2026>) in IEEE two-column conference format (<https://www.ieee.org/conferences/publishing/templates>).

Submissions should include: • Title • Authors and affiliations • Abstract • Description of the proposed presentation

Important Dates (AI User Forum Track)

Proposal Submission Deadline (1-2 page PDF)	June 26, 2026
Author Acceptance Notification	July 24, 2026
Camera-Ready 2-Page Summary Due (Optional)	August 28, 2026

IMPORTANT NOTE ON CONTENT:

Description of the proposed presentation should include statements that address the following topics.

1. Application context and motivation

- What engineering problem or workflow is being addressed?
- What is the operational environment and user scenario?

2. Technical approach, observed benefits and outcomes

- What type of AI-assisted workflow or system was implemented?
- What improvements or impacts were observed?

3. Scalability and reliability

- What concerns or risks were identified?
- How difficult would it be for other engineers or organizations to adopt?

4. Development effort and deployment considerations

- What level of engineering effort was required?
- What practical lessons were learned during development and deployment?

For detailed information about the submission process, requirements and deadlines, the selection process and any other questions regarding the program itself or contact information, please consult the ITC web site at <http://www.itctestweek.org>.