

The 29th IEEE Asian Test Symposium (ATS 2020)

Malaysia, 22-25 Nov 2020

(Virtual Conference)



Call for Papers

The Asian Test Symposium (ATS) provides an open forum for researchers and industrial practitioners from all countries of the world to exchange innovative ideas on system, board, and device testing with design, manufacturing, and field consideration in mind.

Scope

Original papers on, but not limited to, the following areas are invited.

- Analog/Mixed-Signal Test
- Automatic Test Generation
- Board Test and Diagnosis
- Boundary Scan Test
- Built-In Self-Test (BIST)
- Connectivity Testing
- Defect-Based Test
- Delay and Performance Test
- Dependability and Functional Safety
- Design for Test (DFT)
- Diagnosis and Silicon Debug
- Economic of Test
- Failure Analysis
- Fault Modelling and Simulation
- Fault Tolerance
- GPU Test
- Hardware-Oriented Security and trust
- High-Speed I/O Test
- Low-Power IC Test
- Machine Learning in Test
- Memory Test and Repair
- Multi-/Many-core Processor Test
- Online Test
- Power/Thermal/Reliability Issues in Test
- Reconfigurable System Test
- RF Test
- Self-Repair
- SiP, Stacked, 3D IC Test
- Standards in Test
- Test Compression
- Test for Biomedical Circuits and Systems
- Test for MEMS and Microfluidic Systems
- Test for Nanoscale Devices and Emerging Technologies
- Test for Reversible and Quantum Circuits
- Test for Sensors and IoT
- Test Quality
- Test Synthesis
- Validation and Verification
- Yield Analysis and Enhancement

Regular Sessions: The ATS'20 Organizing Committee invites original, unpublished paper submissions on the above topics. Paper submission shall be complete manuscripts, not exceeding six pages in a standard IEEE two-column format. The submission will be considered evidence that upon acceptance the author(s) will submit a final camera-ready version of the paper for inclusion in the proceedings, and will present the paper at the symposium. Each accepted contribution must have at least one full paid registration by the time the camera ready paper is submitted for inclusion in the proceedings. ATS reserves the right to remove from IEEE Xplore papers not presented at the symposium.

Key Dates

Submission deadline (abstract): ~~June 24, 2020~~ July 7, 2020
Submission deadline (PDF paper): July 14, 2020
Notification of acceptance: ~~Aug 15, 2020~~ Sept 1, 2020
Camera ready manuscript: ~~Sept 15, 2020~~ Oct 1, 2020

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