This Annual Conference directs its emphasis to the complex field of semiconductor testing, both at the device level and at the board level. Previous Test Conferences have drawn broad representation from the semiconductor test equipment manufacturers, the semiconductor fabricators, and the users of both these products. This year the challenge of testing LSI at the board level will be examined. It is through both the formal and informal exchange of information that this conference encourages the discussion of test-related problems and addresses potential solutions to these problems.

The 1978 Conference will continue to pursue the test problems associated with today’s complex LSI circuitry. This year’s session topics will include:

- Parametric and Wafer Level Testing
- Test Strategies
- Production Board Testing
- Memory Testing
- Design for Testability at the Component Level
- Microprocessor Board Level Testing
- Design for Testability at the Board Level
- Turnkey Test Packages
- Board Level Test Problems
- System Architecture
- Software
- Memory Board Testing
- Test Room Management
- Simulation and Verification
- Printed Circuit Board Assemblies

The theme for the 1978 Conference reflects the continuing technology advances occurring within the semiconductor industry and the complexity that occurs when testing at the board level; it is:

**CAN COMPLEX LSI CONTINUE TO BE EFFECTIVELY TESTED AT BOTH THE COMPONENT LEVEL AND AT THE BOARD LEVEL?**

The format of the Conference is intended to encourage the open discussion of test-related problems. Planned are formal technical sessions and workshop sessions. Formal papers are required for the technical sessions and short position papers will be required from each of the workshop panel members. All papers will be published in the Digest of the Conference. An informal evening session is also planned to continue the theme of the Conference.

**REGISTRATION**

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<tr>
<th>FEES</th>
<th>Pre-Registration*</th>
<th>Member @ $35</th>
<th>Non-Member @ $40</th>
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Additional Digest** @ $10

*Prior to September 15, 1978

**One Copy of Digest Included with Registration Fee

Buffet lunches will be available for all three days.