

Automotive Electronics Council
Component Technical Committee

First Asia Automotive Electronics Reliability Workshop

**Call for Presentations
and Registration Notice**



AMBASSADOR HSINCHU HOTEL
188, Section 2, Zhonghua Road, Hsinchu 30060, Taiwan
<https://www.ambassador-hotels.com/en/hsinchu>

organized by the AEC Technical Committee and hosted by IST:



Automotive Electronics Council

Component Technical Committee

2026 – First Asia Automotive Electronics Reliability Workshop

October 14~15, 2026

Ambassador Hotel

Hsinchu, Taiwan

The First Asia Automotive Electronics Reliability Workshop will be held at Ambassador Hsinchu Hotel on October 14th and 15th, 2026. In total 25 preceding workshops in the US and 4 in Europe, have been providing a forum and structured environment to discuss quality and reliability problems and philosophies related to all aspects of passive components, discrete semiconductor devices, integrated circuit devices, LEDs, wide band gap semiconductor devices, multi-chip modules in terms of design, test, analysis, fabrication, assembly, and field performance. Building upon this rich history, the environment will be a highly interactive technical presentation and panel discussion format promoting open and frank communications within the international automotive component supplier base.

Call For Presentations

This call for presentations solicits your submission of abstracts of less than 200 words dealing with current automotive electronic component issues. The abstracts and topics will be reviewed and selected for presentation based upon technical merit, innovation, automotive focus, and relevancy. Company commercials and/or endorsements are not allowed. Company logos may be used on presentation slide borders only. Each presentation will be allotted 20-25 minutes, followed by a question and answer session.

Some areas and topics that are relevant to and presented by workshop participants previously are listed below. Items in bold text are those of particular interest for this year's workshop. Works involved in passive components, discrete semiconductor devices, integrated circuit devices, LEDs, wide band gap semiconductor devices, and multi-chip modules are welcome. Presentations and late breaking contributions relevant to today's activities and tomorrow's ideas are also requested.

Q10x/Q200 new revisions - Impact

Field Quality Performance
Accelerated Stresses
Wafer Level Reliability
Product Characterization
Board Level Simulation

Related Methods & Topics

Reliability Simulation
Emerging Challenges
FMEA

Technical Issues with 10nm and below

Influence OEM Automotive Environment
New Failure Analysis Technologies

OEM/End-Customer Requirements

New Test/Screen Techniques
Quality System/Methodology Trends
Reliability Monitoring Usefulness
Burn-In/Test Screen Elimination
Application Specific Qualification
Criteria for Using Non-Automotive Parts
OEM System Reliability
Extended Mission Profile Standardization
Extended Qualification
EOS/ESD/NTF Reduction

Advanced Package Concepts

Flip Chip Packages
Wafer Level Packages
Chiplets

Non-Si Technology

Autonomous Driving
Driver Assist/RF/Radar
MEMS
LED's
ISO Specification/ASIL
EMC/Latch-Up
Vehicle Communications/V2V
Internet-of-Things (IoT) in Vehicles
Wide Band Gap Semiconductors

"Zero Defects" Implementation

New/Suspect Failure Mechanisms
Known Good Die (KGD)
Maverick Lot/Wafer Methodology
Design for Test/Mfg/Rel/FA
Safe Launch

Submit an electronic version of your abstract* (in both Word & PDF format) and finished presentation (in both PowerPoint & PDF format) to:

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AEC Objective: The purpose of this workshop is to continuously improve communications between automotive electronic component users and their supplier base. The goal of the Automotive Electronics Council is the development of uniform automotive industry specifications and requirements to improve automotive product quality and reliability while reducing cost and time to market.

Who Should Attend: Engineers and managers who are involved in the qualification, testing, reliability, and failure analysis of automotive passive components, discrete semiconductor devices, integrated circuit devices, LEDs, wide band gap semiconductor devices, and multi-chip modules. It would also be helpful to those who are responsible for establishing quality and reliability policies for automotive components.

Registration Fee: There is NO REGISTRATION FEE, but workshop participants must register with the hotel before October 1st, 2026 to ensure that the block room rate is available.

The AEC negotiated a minimum hotel room commitment to minimize room rates and meeting expenses. In order to remain a free Workshop event for attendees, the AEC must meet the sleeping room commitment. Please use the Ambassador Hsinchu link below when making your room reservation, and clearly state that you are attending the 2026 Asia AEC Reliability Workshop.

This is your workshop. Please come with an open mind and be prepared to share and learn about new ideas and accomplishments. Your ideas on how to improve future workshops are always welcomed.

Workshop Registration

Registering for the workshop can be done by accessing the AEC website and clicking on "**Annual AEC Reliability Workshops**", then click on "Registration Form" to fill out and submit the form. Please complete all fields on the registration form. Until August 10, the maximum number of participants is 2 per company. After August 10, the remaining seats will be available for first-come first-serve base.

<http://www.aecouncil.com/AECWorkshop.html>

Hotel Reservation

Ambassador Hotel Hsinchu Booking Instructions:

1. Go to [AECRW Event Booking Link](#)
2. To view available rooms, search for dates within the period Oct 12 - Oct 16, 2026 (breakfast: see agenda)
3. Use Promo Code: AECRW

Organizing Committee of 2026 Asia AEC Reliability Workshop

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Tentative Agenda

(subject to change based on abstracts received)

Wednesday, October 14, 2026

Morning Light Breakfast (provided at ballroom)
 Technical Sessions Passives & Opto-electronics
 Standards Workshop Passives & Opto-electronics

Afternoon Light Lunch (provided at ballroom)
 Technical Sessions Discretes & Wide Band Gap
 Standards Workshops Discretes & Wide Band

Thursday, October 15, 2026

Morning Light Breakfast (provided at ballroom)
 Technical Sessions Integrated Circuits
 Standards Workshops Integrated Circuits

Afternoon Light Lunch (provided at ballroom)
 Technical Sessions Other Topics
 Workshos Other Topics

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Key Workshop Dates

Call for Presentations	May 8, 2026
Registration Start	May 8, 2026
Abstract Submittal Deadline	August 10, 2026
Presentation Selection & Final Agenda	September 7, 2026
Pre-registration deadline	September 18, 2026
Final Copy of Presentation Due	October 5, 2026
Pre-workshop Members' Meeting	October 13, 2026
Workshop Begins	October 14, 2026

*** Walk-ins welcome pending space availability*

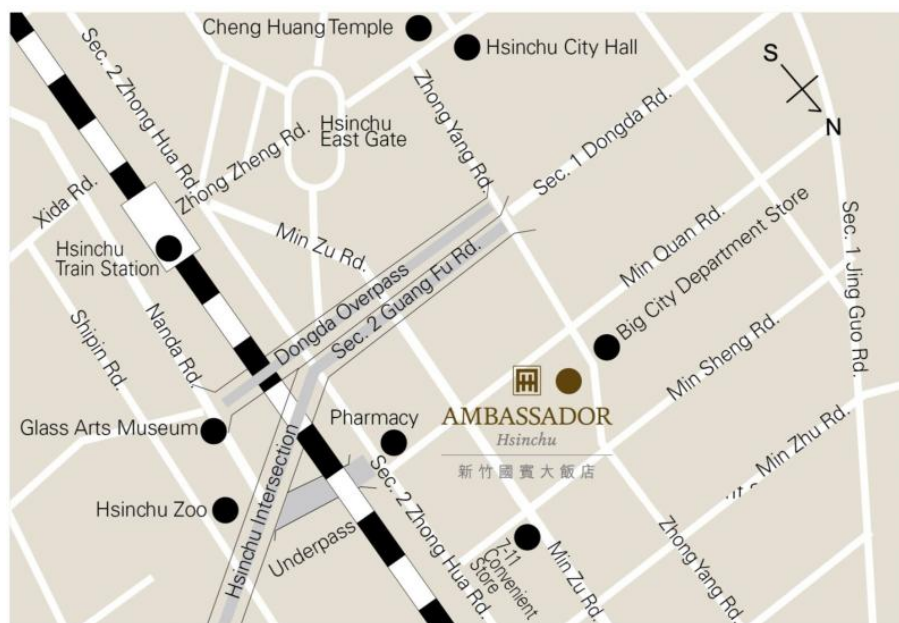
[Recording \(video and/or audio\) is prohibited at the workshop](#)

Lodging: A block of rooms has been set aside for workshop participants at the Ambassador Hsinchu Hotel in Hsinchu City, Taiwan. Participants should make reservations directly with the hotel by clicking on the hotel reservation link shown in this document before October 1st, 2026. When making reservations, use the promotion code to get the group rate during the event. Booking in another way may result in a higher room rate. Reservation requests received after 5:00 pm (Taiwan) on October 1st will be accepted at the prevailing rate if no more blocked room is available.

Ground Transportation: Car rental and limousine service are available at Taoyuan International Airport.

Location: Ambassador Hsinchu Hotel is located in the heart of downtown Hsinchu and is:

- Just 15 minutes' drive by free shuttle service to and from the Hsinchu Science and Industrial Park
- 5 minutes' walk to the new Big City Mall, northern Taiwan's largest mall
- 5 minutes' drive to Hsinchu City Railway station
- 15 minutes' drive from Hsinchu (Zhubei) Taiwan High Speed Rail station
- 45 minutes' drive from Taiwan Taoyuan International Airport



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