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October 14 - 15



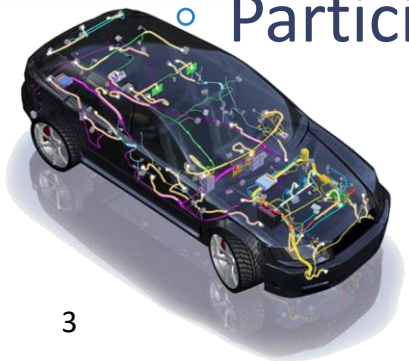
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Workshop Opening

Announcements

Welcome!

- **This is the 1st Asia Workshop**
 - ... and not the only one:
we hope more can occur every other year in the fall
- **Please be considerate of those around you and:**
 - Turn-off or silence your cell phones
 - Refrain from talking during presentations and discussions
 - Participate in workshops. Feedback and discussions are encouraged



Acknowledgment

- Host:



- Venu:

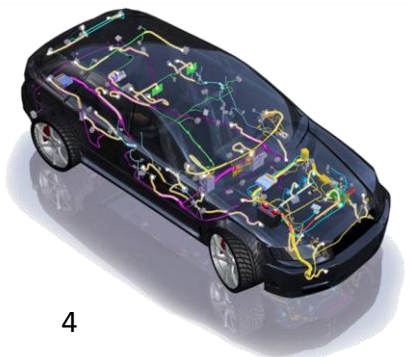
Ambassador Hotel Hsinchu

No. 188, Section 2, Zhonghua Road, Hsinchu, 300, Taiwan

★★★★★

- **Organizing Committee Members**

❖ Dave Tan	Integrated Service Technology
❖ Sherry Wu	Integrated Service Technology
❖ Alan Cooper	Yageo Group
❖ Calvin Yang	SGS Taiwan
❖ John Grogan	Macronix
❖ Ulrich Abelein	Infineon Technologies
❖ René Rongen	NXP Semiconductors

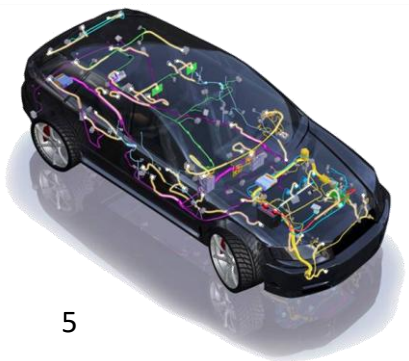


Presentation Availability

- **The presentations are hosted on the AEC website**

(Includes Agenda, which matches the printed copies provided at registration)

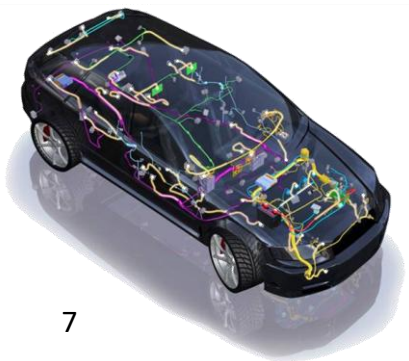
- <http://aecouncil.com/AECWorkshop.html>



Chairman Report

Chairman Topics

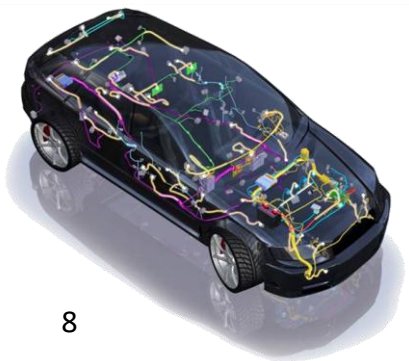
- **AEC Changes**
- **Document Releases**
- **Workshops**
- **External Partnerships**
- **Membership**
- **Remembrance**
- **Schedule**



AEC Changes

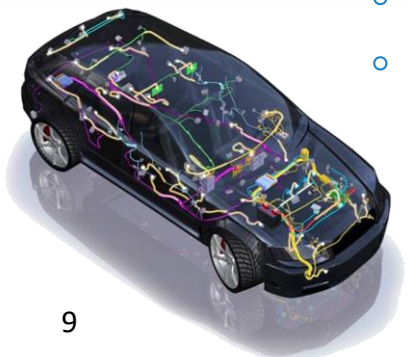
- AEC is incorporating into a 501(c)6 (US non-profit organization)
- This will allow AEC to become more stable and able to handle leadership and market instabilities
- AEC Executive Team is in process of releasing Bylaws to become a legal organization
- Our mission will not change:

“To develop qualification standards for automotive electronics accepted across the industry”



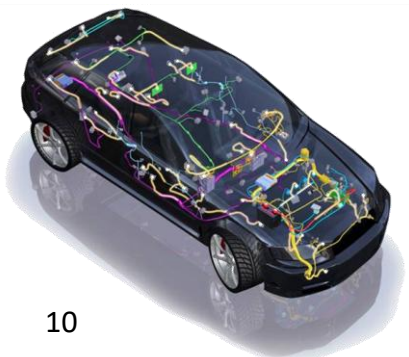
Document Releases in the last year

- **Bylaws – Rev A** (under ballot)
 - Expansion of Charter to define additional governance requirements
- **AEC-Q006 – Rev B** *“Copper Wire Interconnections”*
- **AEC-Q100 – Rev J1** *“Qualification for ICs in Automotive”*
 - AEC-Q100 – CDC Template *“Certificate of Design and Construction for ICs”*
- **AEC-Q104 – Rev A** *“Multichip Modules (MCM)”*
 - AEC-Q104 – QTP Template *“Qualification Test Plan”*
- **AEC-Q004 –** *“Zero Defect Casebook”*
- **AEC-Q101 – Rev F** (Under ballot) *“Wide Band Gap Addendum”*
 - AEC-Q101-007 (Under ballot) *Miscellaneous SiC Test Methods”*
 - AEC-Q101-008 (Under ballot) *Short Circuit for Sic”*



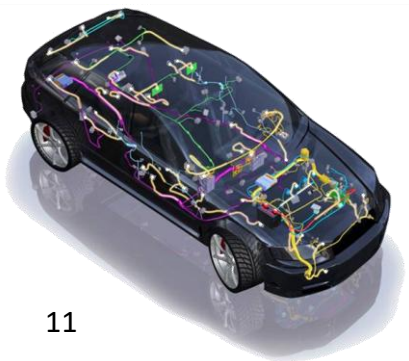
Some Documents in Development

- AEC-Q100-00x *“Sub specs in edit”*
- AEC-Q101-00x + GaN Appx *“Sub specs in edit”*
- Q200-revF *“Main spec in edit”*
- AEC Membership Application – Rev I *“Added more detail”*



External Partnerships

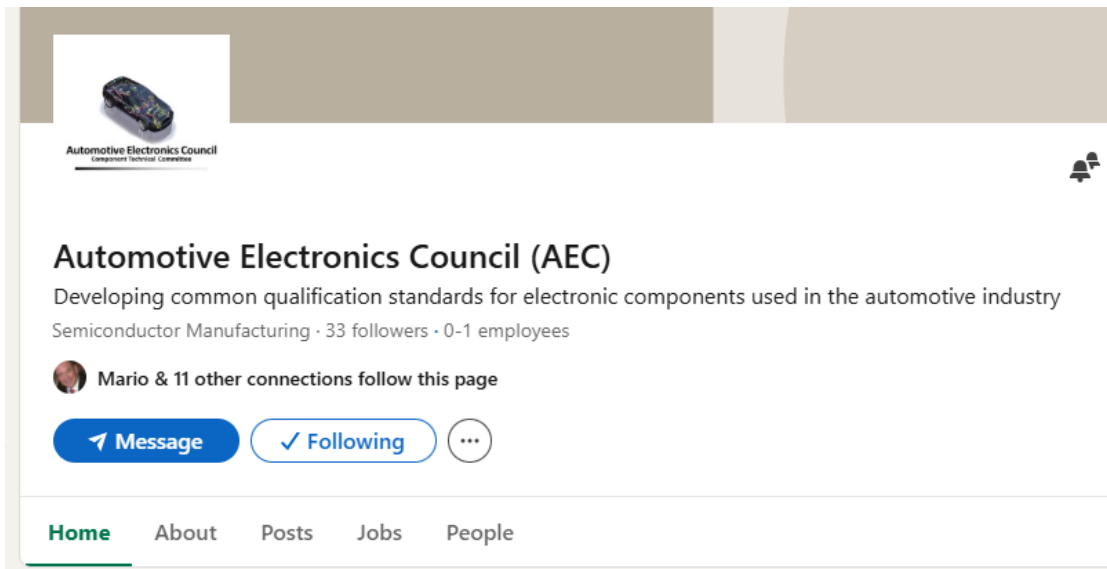
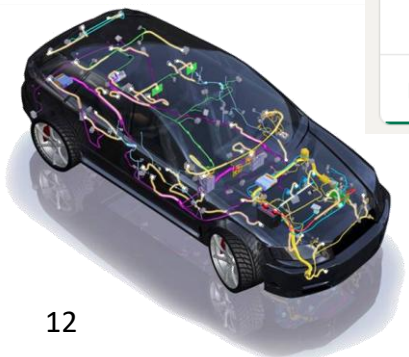
- **AEC working to coordinate with external organizations**
 - OEMs (Automotive Vehicle Manufacturers) in Europe and US
 - Technical Standards Groups
 - JEDEC – Global Standards Body for the Microelectronics Industry
 - ESDA – ESD Association
 - TC599 – China National Technical Committee on Integrated Circuits



Updated Communication

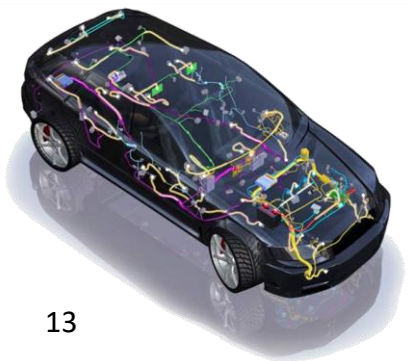
- Updated web form to 'Contact us'
 - Administrator to receive and respond

- New

A screenshot of a web browser displaying a form titled "Contact the Technical Committee". The URL in the address bar is "www.aecouncil.com/AECRequest.html". The form instructions state: "Please fill out the form below and press submit. Your input will be forwarded to the appropriate chair. If you previously submitted a request and not received a response, please resubmit." It also notes: "Fields marked with * are required." The form is divided into two main sections: "Your Information" and "Comments". The "Your Information" section contains fields for: "*Your Name", "*Company Name" (with a red eye icon for password visibility), "*Email Address", "*Confirm Email Address", "*Topic" (a dropdown menu currently showing "-- Please Select --"), and "Standard (Q100, Q101, etc)". The "Comments" section contains a field for "*Your Message".

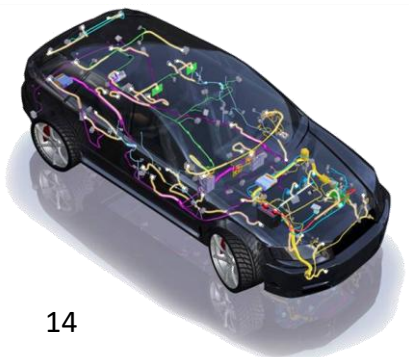
Membership

- **AEC has not accepted new members since 2024**
- **Improved Membership Application released**
 - Adds additional information
 - Details financial commitment (\$2600/year)
- **Applications will be reviewed by Membership Committee to improve response time**
- **Look for an announcement on LinkedIn**



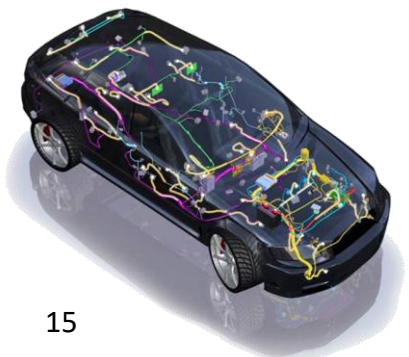
Daily Overview – Wednesday October 14

8:15-9:00	Welcome / Host Message	
9:00-10:00	T1 Qualification and Functional Safety (1)	
10:00-10:30	W1 Q200 – Passive Components	Break
11:00-12:00	T2 Problem Solving & Failure Analysis	
12:00-12:30	W2 Q101 – Discrete Components	Lunch
2:00-2:45	W3 Q101 – WBG	
2:45-3:45	T3 ESD & EOS	Break
4:15-4:45	W4 Q102 – Optoelectronics	
4:45-5:15	T4 Statistical Techniques	
5:15-5:45	W5 AEC & China Standardization Development	



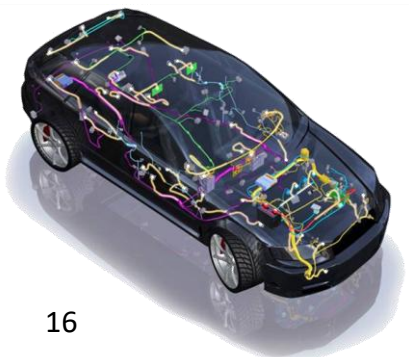
Daily Overview - Thursday October 15

8:15-8:30	Welcome	
8:30-9:30	W6 Q100 - ICs	
9:30-10:30	T5 Qualification and Functional Safety (2)	
11:00-11:30	W7 Q006 – Cu-wire / W8 Q004 – ZD	Break
11:30-12:30	T6 Zero Defects	
2:00-2:45	W9 Q104 – Multi-Chip Modules	Lunch
2:45-3:45	T7 Extended Mission Profiles	
4:15-5:00	W10 EMP	Break
5:00-5:30	W11 Q105 - Displays	
5:30-5:45	W12 CDC – Certificate of Design Construction	



WORKSHOP FEEDBACK

- Feedback forms will be sent by E-mail



Automotive Electronics Council
Component Technical Committee

**1st ASIA AEC RELIABILITY WORKSHOP 2026
QUESTIONNAIRE**

What do you think of organizing an AEC Asia workshop every 2 years around October?
(Any proposal on where and how to organize is welcome!)

How likely will it be that you (2 = likely, 1 = do not know, 0 = unlikely):

- come back:
- recommend attending the workshop to colleagues:

What did you like/dislike about the 2026 Asia AEC workshop?

What did you like/dislike about the technical sessions (T1-T7)?

What did you like/dislike about the workshops (W1-W12)?

How do you rate the Ambassador Hotel Hsinchu as workshop venue?
Select one each: 4 = excellent, 3 = good, 2 = fair, 1 = poor).

- 1. Workshop location
- 2. Meeting accommodation
- 3. Meeting refreshments
- 4. Lunch served

Comments:

List of what you thought were the top three Technical Contribution:

- 1. Presentation
- 2. Presentation
- 3. Presentation

List of what you thought were the top three Workshops:

- 1. Workshop
- 2. Workshop
- 3. Workshop

What improvements would you like to see implemented in the future?

Please return with subject "Questionnaire"
mailto:dave_chen@istgroup.com THANKS!



Enjoy the Workshop

Automotive Electronics Council
Component Technical Committee