



SEMI® INTERNATIONAL STANDARDS

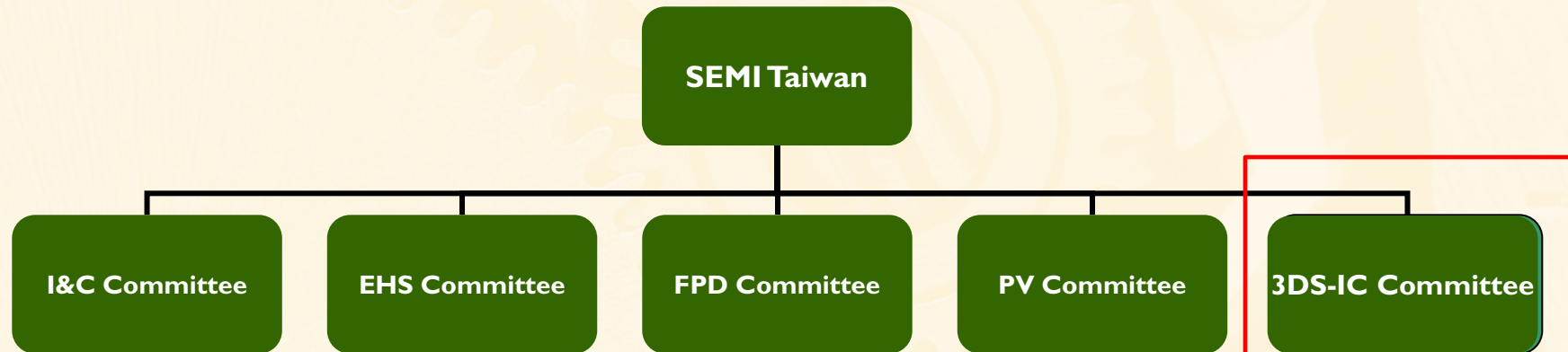
Taiwan 3DS-IC Standard Committee Liaison Report

SEMI Taiwan

Oct 14, 2015



SEMI Taiwan Standards Committee



Established in 2003

Mission:

Focus on interface of manufacturing tools, factory automation computers, purpose of transferring commands and data used during the manufacturing process.

Established in 2005

Mission:

Focus on Environmental, Health, and Safety standards fulfilling the technical needs.
New TF to focus on LED and PV, 2011 April

Established in 2008

Mission:

Focus on standards for materials and equipment used in the manufacture and test methods of TFT-LCD

Established in 2009

Mission:

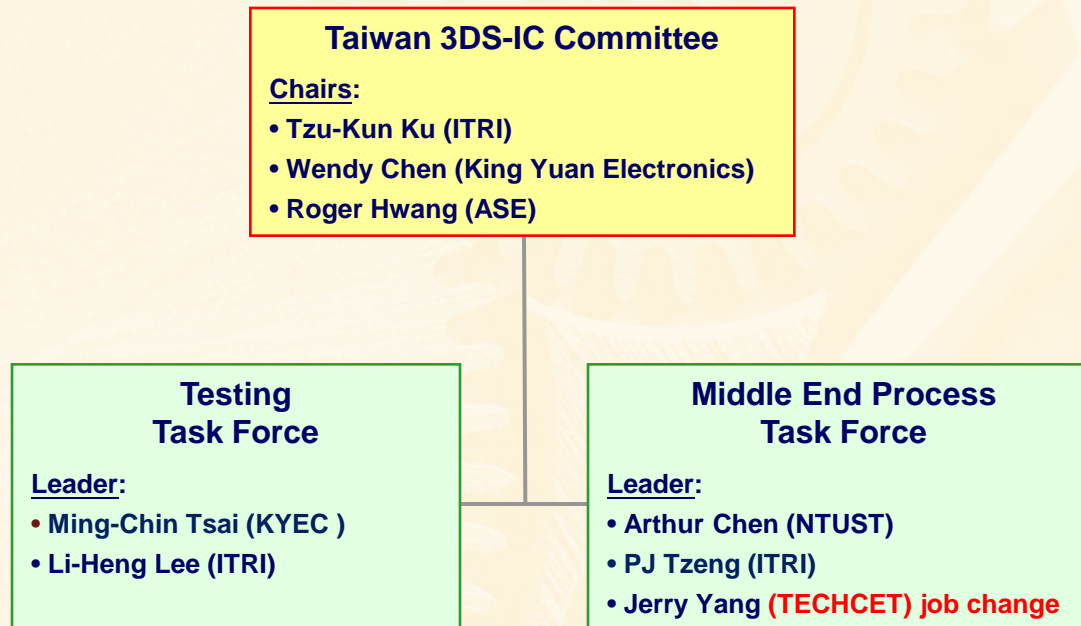
Focus on standards for Cell Appearance and vibration Test Method in the manufacture and test methods of PV industry

Established in 2011

Mission:

Focus on standards for Testing and Middle-end process in the manufacture and test methods of 3DS-IC industry

3DS-IC Standard Committee Organization Chart



3DS-IC Standard Committee Highlights

- Doc #5485 passed proofing and published in June as new SEMI standard:
 - **3D14-0615: Guide for Incoming Outgoing Quality Control and Test**
- Doc #5688A passed cycle 6 voting process and adjudicated in recent TC chapter meeting on Oct 6. Will soon proceed to ISC A&R process.
 - **Middle-end Process TF: “NEW STANDARD: GUIDE FOR OVERLAY PERFORMANCE ASSESSMENT FOR 3DS-IC PROCESS”**
- Doc #5800 ballot-drafting to be completed by the end of Q4 (target)
 - **Middle-end Process TF: “New Standard: Guide for Wafer Edge Trimming for 3DS-IC Process ”**
- Concluded two possible topics in recent TC meeting for future collaboration with Japan 3DS-IC committee:
 - **Thin wafer/die handling**
 - **Manufacturing traceability throughout 3DS-IC process flow**

3DS-IC Committee Meeting Information

Committee	Last Meeting Location	Next Meeting Location
3DS-IC Committee	Oct 6 SEMI Taiwan	Q1CY2016 (pending next ballot requirement) SEMI Taiwan

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Committees In charge	I&C / EHS / FPD / PV /3DS IC Standard Committees Sustainable Manufacturing Committee High Tech Facility Committee Semiconductor Materials Committee