



From the Director's Desk
Paul Trio, Standards

Standards Trending

How industry trends are shaping standards development. [Read more >>](#)

Upcoming New SEMI Standard for Reliability Assurance of Flexible Hybrid Electronics

New SEMI Standards Guide will provide the first comprehensive framework for reliability assurance in flexible hybrid electronics, supporting scalable design, qualification, and deployment. [Read more >>](#)

Major Revision Underway for SEMI E142

An update to SEMI E142 is proposed to improve compatibility with multiple wafer coordinate systems. [Read more >>](#)

Notice of Revisions to SEMI Regulations and Procedure Manual

Substantial revisions to the *Regulations and Procedure Manual* recently approved and published in April 2026. [Read more >>](#)

SEMI Releases White Paper on PM Automation as a Key Enabler of Autonomous Fabs

A new SEMI white paper highlights PM automation as a critical step toward Autonomous Fabs, identifying key interoperability gaps and standardization priorities. [Read more >>](#)

Smart Manufacturing at SEMICON Japan 2025

A Smart Manufacturing session at SEMICON Japan 2025 brings together manufacturers, suppliers, and industry leaders to discuss real-world challenges and practical paths forward. [Read more >>](#)

New Standards Initiatives Kicks Off in Japan TC Chapters

New Task Forces related to Smart Manufacturing have been established under the I&C and EHS Japan TC Chapters. [Read more >>](#)

White Paper: SEMI Equipment Communication and Automation Standards Suites

This whitepaper highlights four SEMI Standards (SECS/GEM, EDA/Interface A, RITdb, SMT-ELS) that enable faster, more efficient equipment integration and factory automation, helping you select the right standards for your factory use case and technology needs. [Download Now >>](#)

SEMI Standards Leaders Honored at SEMICON Japan 2025

SEMI honored industry leaders for their outstanding accomplishments in developing Standards for the microelectronics and related industries. [Read More >>](#)

Calendar

April 29-30	SEMIEXPO Heartland
May 11-14	SEMI Standards NA Spring Meetings 2026
May 18-20	Surface Preparation and Cleaning Conference (SPCC), formerly presented by Linx Consulting
May 21	Water Management Strategies [Webinar]
May 28	SEMI EHS Summit 2026
July 13	Implementing Basic Cybersecurity Principles in Semiconductor Manufacturing [Save the Date - Virtual Training]
July 13-15	Strategic Materials Conference (SMC)
July 15	SubFAB 101: Foundations of Semiconductor Support Facilities [Save the Date - Virtual Training]
Refer to Event Calendar	Other Technical Committee Meetings

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