



# Staff Report

August 2025

**STANDARDS**

CONNECT - COLLABORATE. - INNOVATE. - GROW. - PROSPER

# SEMI Global 2025 Calendar of Events

Event Name	Event Details
<b>SEMICON<sup>®</sup> INDIA</b>	Sept 1-3 New Delhi
<b>SEMICON<sup>®</sup> TAIWAN</b>	Sept 10-12 Taipei
<b>SEMICON<sup>®</sup> WEST</b>	Oct 7-9 Phoenix, Arizona
<b>SEMICON<sup>®</sup> EUROPA</b>	Nov 18-21 Munich, Germany
<b>SEMICON<sup>®</sup> JAPAN</b>	Dec 17-19 Tokyo, Japan

# SEMICON West 2025-2030

- **2025—October 7-9 | Phoenix Convention Center | Phoenix, AZ**
- 2026—October 13-15 | Moscone Center | San Francisco, CA
- **2027—October 12-14 | Phoenix Convention Center | Phoenix, AZ**
- 2028—October 10-12 | Moscone Center | San Francisco, CA
- **2029—October 9-11 | Phoenix Convention Center | Phoenix, AZ**
- 2030—October 29-31 | Moscone Center | San Francisco, CA


# SEMICON West 2025

- **Phoenix Convention Center**
  - 100 North Third Street, PHOENIX, AZ 85004
- **Standards meetings location**
  - North Hall
  - 2<sup>nd</sup> level



# Standards Meetings Schedule



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	6	7	8	9	10	
	EH&S					
	Facilities & Gases					
	Information & Control					
	Liquid Chemicals					
	MEMS/ NEMS			FHE		
				Metrics		
	Physical Interfaces & Carriers					
	Silicon Wafer					
						
					Schedule at-a-glance	

# SEMICON<sup>®</sup> WEST Registration is open

- SEMI Standards Members receive a complimentary Expo Plus Pass only (other a la carte options are available for purchase)
  - Please use same email used for Standards Membership to register
  - [https://bit.ly/SW\\_25\\_Standards](https://bit.ly/SW_25_Standards)
  - Or Scan QR code below





# SEMI Global Standards Summit (GSS) 2025

@SEMICON West 2025

Date/Time: Tuesday, October 7 | 1:30 PM to 5:30 PM | North Building, 200 Level, Room 229B

Theme: **Future Standards for Connected & Sustainable Semiconductor Manufacturing**

Session Description: The Global Standards Summit is a strategic forum dedicated to identifying standards-critical areas and advancing an industry-wide standardization roadmap for the next 3- and 7-year horizons. Building on the momentum of the inaugural Summit—which spotlighted essential topics such as environmental sustainability—this year’s gathering continues that dialogue while expanding focus to include emerging challenges like supply chain traceability.

With increasing fragmentation across the global microelectronics supply chain driven by geopolitical and other disruptive forces, the need for unified standards is more critical than ever. This Summit provides a timely opportunity to convene, collaborate, and identify the standards that will address these challenges and foster greater industry alignment. We encourage you to join, engage, and help shape the future of standards.

<https://www.semiconwest.org/programs/global-standards-summit>



# Global Standards Summit (GSS2025)

@ SEMICON West 2025

## Agenda – October 7:

- **(1:30 PM to 1:40 PM)** Welcome & Reminders
- **(1:40 PM to 1:55 PM)** Introduction & Level-setting
- **(1:55 PM to 3:05 PM) Topic 1: Supply Chain Traceability**
  - (1:55 PM to 2:05 PM) Session Intro
  - (2:05 PM to 2:20 PM) Semiconductor Chip Customer Perspective {Qualcomm – confirmed}
  - (2:20 PM to 2:35 PM) Provenance (how to trace all the way up the supply chain) {PCN - confirmed}
  - (2:35 PM to 2:50 PM) Security (ensuring products are not tampered with or authentic/not counterfeit) {AMD - confirmed}
  - (2:50 PM to 3:05 PM) Preventing Supply Chain Disruption {SEMI SCM Initiative - confirmed}
- **(3:05 PM to 3:15 PM)** Topic 1 Q&A
- **(3:15 PM to 3:25 PM)** Break
- **(3:25 PM to 4:20 PM) Topic 2: Environmental Sustainability**
  - (3:25 PM to 3:35 PM) Session Intro
  - (3:35 PM to 3:50 PM) PFAS - Transparency {TEL/Intel - confirmed}
  - (3:50 PM to 4:05 PM) Energy Efficient Manufacturing {FTD solution - confirmed}
  - (4:05 PM to 4:20 PM) Environmental Sustainability Considerations in Building Future Facilities (Brown Field/Green Field) {Jacobs - invited}
- **(4:20 PM to 4:30 PM)** Topic 2 Q&A
- **(4:30 PM to 5:15 PM)** Panel Session
  - Panel Theme: Topics Prime for Standards from Various Industry Efforts & How Best to Collaborate
- **(5:15 PM to 5:30 PM)** Wrap-up & Next Steps
- **(5:30 PM)** Adjourn

**North America Standards  
Awards & Networking Event**

Tuesday, October 7  
6:00 PM to 7:30 PM Pacific



# Upcoming NA Meetings 2025 & 2026

Event Name	Date/Venue	Ballot Cycles to Consider
SEMICON West	Oct 6-9, 2025 Phoenix Convention Center Phoenix, Arizona/USA	<p>Cycle 6-2025</p> <ul style="list-style-type: none"><li>• Ballot Submission Date: Thursday, June 19, 2025</li><li>• Voting Period Starts: Wednesday, July 9, 2025</li><li>• Voting Period Ends: Friday, August 8, 2025</li></ul> <p>Cycle 7-2025</p> <ul style="list-style-type: none"><li>• Ballot Submission Date: Thursday, July 24, 2025</li><li>• Voting Period Starts: Wednesday, August 13, 2025</li><li>• Voting Period Ends: Friday, September 12, 2025</li></ul>
NA Winter Meeting	Feb 23-26, 2026 (tentative) SEMI HQ, Milpitas, California/USA	<p>Cycle 9, 2025</p> <ul style="list-style-type: none"><li>• Ballot Submission Date: Wednesday, October 14, 2025</li><li>• Voting Period Starts: Tuesday, October 29, 2025</li><li>• Voting Period Ends: Thursday, November 28, 2025</li></ul> <p>Cycle 1, 2026</p> <ul style="list-style-type: none"><li>• Ballot Submission Date: Tuesday, December 16, 2025</li><li>• Voting Period Starts: Wednesday, January 7, 2026</li><li>• Voting Period Ends: Friday, February 6, 2026</li></ul>

## 2025 開催概要 Information

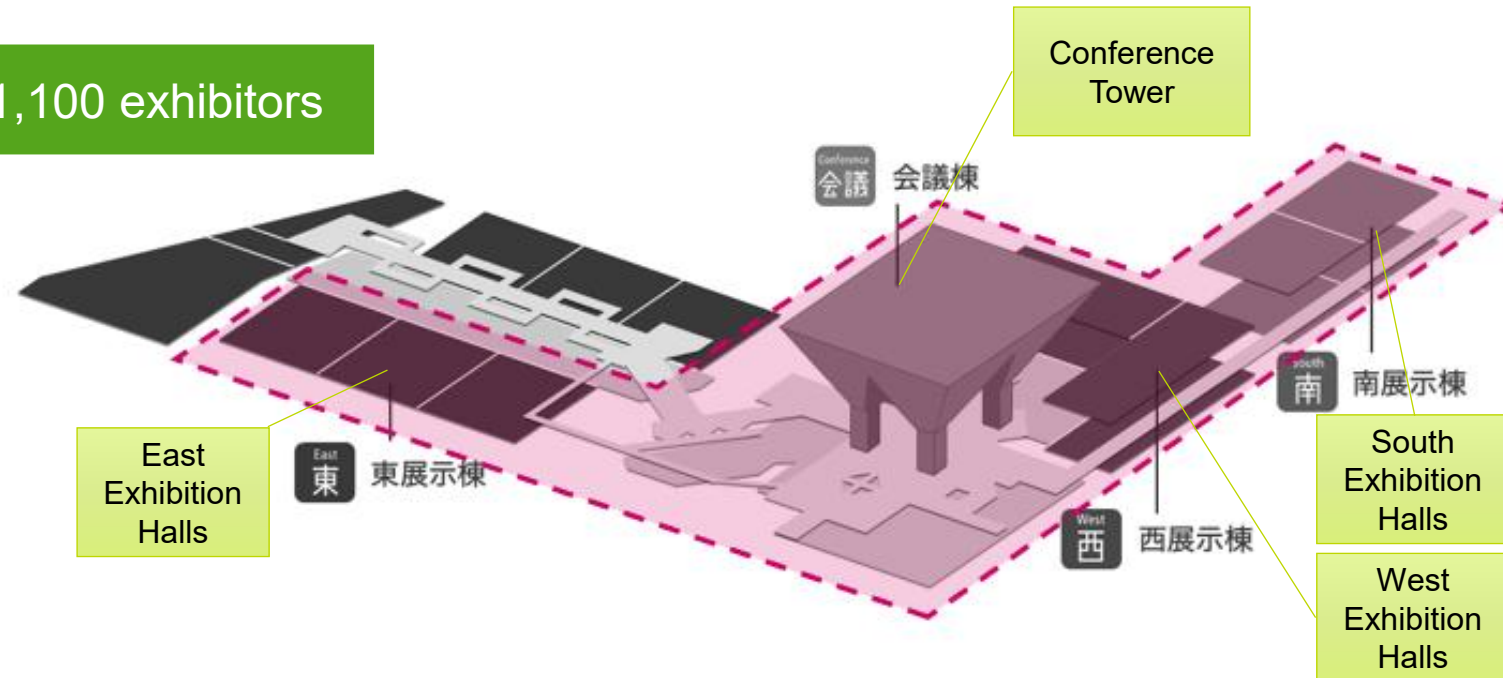
会期： 2025年12月17日(水)～19日(金) December 17-19, 2025  
会場： 東京ビッグサイト Tokyo Big Site  
東展示棟 4-6H、西展示棟 1-4H、南展示棟 1-2H、会議棟  
主催： SEMI

規模（見込）

- ・出展者数： 1,100社
- ・来場者数： 110,000人

We are aiming for 1,100 exhibitors

We are aiming for 110,000 visitors



# SEMICON Japan 2025 Theme

日本語: AI x サステナビリティ x 半導体  
(かける) (かける)

英語: STRONGER TOGETHER \*前年継続

# SEMICON Japan 2025 Standards Meeting

Standards Meetings will be held  
at TFT Building  
(Not Tokyo Big Site)



Tokyo Big Site

TFTビル 東館9F



# SJ25: SEMI Standards Meetings

- SJ期間中の開催が確定
  - Traceability（確定）
  - Silicon Wafer（確定）
  - CSM（確定）
  - PIC（確定）
  - I&C（確定）
  - Metrics（確定）
- SJ期間中の開催なし
  - LC
  - EHS
  - Gases & Facilities
  - 3D P&I
  - AT
  - FHE
  - FPD M&C
  - FPD Metrology

※各委員会の開催日は事務局にて調整させていただきます。

※その後、TF会議開催の希望有無を確認させていただきます。

## Critical Dates for SEMI Standards Ballots – 2025

2025	Ballot Submission Deadline	Voting Opens	Voting Closes
Cycle 5	May 8	May 28	June 27
Cycle 6	June 19	July 9	August 8
Cycle 7	July 24	August 13	September 12
Cycle 8	September 3	September 24	October 24
Cycle 9 ( <b>Current</b> )	<del>October 1</del>	<del>October 21</del>	<del>November 20</del>
Cycle 9 ( <b>Revised</b> )	October 14	October 29	November 28

<https://www.semi.org/en/collaborate/standards/ballots>

# Critical Dates for SEMI Standards Ballots 2026

*(Tentative)*

2026	Ballot Submission Deadline	Voting Opens	Voting Closes
Cycle 1	December 16, 2025	January 7	February 6
Cycle 2	January 23	February 11	March 13
Cycle 3	March 5	March 18	April 17
Cycle 4	March 30	April 14	May 14
Cycle 5	May 8	May 27	June 26
...	...	...	...



# SEMI Standards Publications

- Total SEMI Standards in portfolio: 1,103
  - Includes 356 Inactive Standards

Cycle	New	Revised	Reapproved	Withdrawn
February 2025	1	9	0	0
March 2025	2	11	6	0
April 2025	1	2	2	0
May 2025	0	4	3	0
June 2025	1	0	1	0
July 2025	1	6	3	0

# SEMI Standards Publications

- New Standards

Cycle	Designation	Title	Committee	Region
February 2025	SEMI F122	Guide for Facilities Data Package for Manufacturing Equipment Installation and Building Information Modeling	Facilities	NA
March 2025	SEMI D88	Specification for Electrostatic Properties of FPD Photomasks and Blanks Package	FPD - Materials & Components	JA
March 2025	SEMI MS15	Guide to MEMS Manufacturing Readiness Levels	MEMS/NEMS	NA
April 2025	SEMI E193	Specification for 300 mm Film Frame FOUP (FFF)	Physical Interfaces & Carriers	NA
June 2025	SEMI M94	Specification for Silicon Carbide Engineered Substrates	Compound Semiconductor Materials	EU
July 2025	SEMI E194	Guide to Using a Liquid Particle Counter to Assess Particulate Surface Contamination on Critical Chamber Components and Coupons	Metrics	NA

# Style Manual /Formatting Reminders

- Style Manual
  - Revision 10 (draft proposal) being reviewed with the Regs SC.
- Formatting Reminders
  - Referenced Standards and Documents section: Refer to Procedure Manual A3-5 for content requirements.
  - Terminology section: Refer to Procedure Manual A3-6 through A3-9 for content requirements.
- Formatting Questions?
  - Contact your local staff coordinator or [standardspublishing@semi.org](mailto:standardspublishing@semi.org) for assistance.

# Regulations & Procedure Manual

Available at [www.semi.org/standards](http://www.semi.org/standards) (under Tools for Developing Standards) or direct link below

- Regulations (Feb 20, 2024)
  - <https://www.semi.org/sites/semi.org/files/2024-02/Standards%20Regulations%20February%2020%202024.pdf>
- Procedure Manual (July 7, 2025)
  - <https://www.semi.org/sites/semi.org/files/2025-07/Procedure%20Manual%20July%2007%2C%202025%20v1.pdf>
    - Major Revision to Multiple Related Standards on a Single Ballot Action
    - Clarification to Major Revision Ballot Format
    - Primary Standard Revision Checklist
    - Clarification of the SNARF form
    - Miscellaneous



Microsoft Word  
文書



Microsoft Word  
文書

# Connect@SEMI Communities for all SEMI Standards Task Forces

- All program members may log in at:
  - <https://connect.semi.org>
  - Enter their username and password (same as program membership log-in)
- Training materials are available at:
  - <https://www.semi.org/standards>
  - Under Standards Developer Resources → Collaboration Tools (scroll to the bottom)



# SEMI University Japan Store Launched in June, 2024

A background image showing a group of diverse students sitting around a table, smiling and looking at books or papers. The image is slightly blurred to make the text stand out.

SEMI University 日本版へようこそ

生涯学習の旅を続けましょう

Provides SEMI Japan original courses  
with Japanese audio or subtitles.



# SEMI JAPAN Original Courses



More courses to come!

## Semiconductor Manufacturing Process – Front-End



## Semiconductor Manufacturing Process – Back-end



## Various Semiconductors



## Regulatory



## SEMI Standards



Check more details at:

<https://store-jp.semi.org/collections/semi-university>



# Staff Assignment

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**THANK YOU**

**STANDARDS**