

Power Semiconductor Machining Technology

# SiC, GaN Machining Technology Exhibition 2025



Exhibition  
Guideline

**2025.March 5 [WED] ▶ 7 [FRI]** **MAKUHARI MESSE**

Organizers / JAPAN INDUSTRIAL PUBLISHING CO., LTD.  
Sankei Shimbun Co., Ltd.

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[www.sicgan-expo.jp](http://www.sicgan-expo.jp)

# Introduction

The "SiC, GaN Machining Technology Exhibition 2025" will be held concurrently with "Grinding Technology Japan 2025," an exhibition specializing in grinding technology. To realize a carbon-neutral society by 2050, it is essential to promote electrification of the mobility industry (EV) as well as the usage of renewable energy as a main power source, and the spread of highly-developed power electronics technology using advanced power semiconductors such as SiC and GaN has become the most important factor.

Therefore, mass production and cost reduction of advanced power semiconductor wafers are strongly desired. However, these materials are extremely hard and resistant to heat and chemicals. Processing them is extremely time-consuming, and reducing the high processing cost is an urgent issue.

"SiC, GaN Machining Technology Exhibition 2025" is an exhibition for engineers and technicians involved in the processing of these advanced power semiconductor wafers, as well as for advanced power semiconductor researchers and those who wish to learn more about them. We believe that exhibitors will be able to provide the best answers with the latest technology and knowledge to visitors with such issues. "SiC, GaN Machining Technology Exhibition 2025" will feature slicing, grinding, polishing, and CMP processing technologies related to advanced power semiconductor wafer processing, as well as a variety of wafer evaluation technologies.

"SiC, GaN Machining Technology Exhibition 2025" will be participated in by the Japan Society for Abrasive Technology, which focuses its research on abrasive grain processing, and the Japan Society for Applied Physics Advanced Power Semiconductors, which focuses on advanced power semiconductors such as SiC, GaN, and diamond, as "special cooperation" organizations.

There is no argument that in addition to technology and skills, theoretical underpinnings are important for advancing advanced power semiconductor wafer processing. At the "SiC, GaN Machining Technology Exhibition 2025," the Japan Society for Abrasive Technology and other cooperating organizations will provide explanations of processing theory from an academic standpoint and talk about the future of semiconductor wafer processing technology.

## Outline

**Title** SiC, GaN Machining Technology Exhibition 2025

**Organizers** JAPAN INDUSTRIAL PUBLISHING CO., LTD.  
Sankei Shimbun Co., Ltd.

**Date** March 5 (Wed.) - 7 (Fri.), 2025 (3 days held biennially)

**Venue** Makuhari Messe, Hall 7-8

**Admission** Free for holders of invitation card or with pre-registration

**Collaborating Organization** The Japan Society for Abrasive Technology / The Japan Society for Applied Physics Advanced Power Semiconductors

**Exhibition Subjects** SiC / GaN Ingot Slicing Machine, SiC / GaN Wafer Grinding Machine, SiC / GaN Grinding Stones, Wafer Beveling Machine, SiC / GaN Single/Double-Side Lapping Machine, SiC / GaN Chemical, Mechanical Polishing Machine, CMP Slurries for SiC / GaN, Wafer Cleaning System, Wafer Shape Measuring Machine

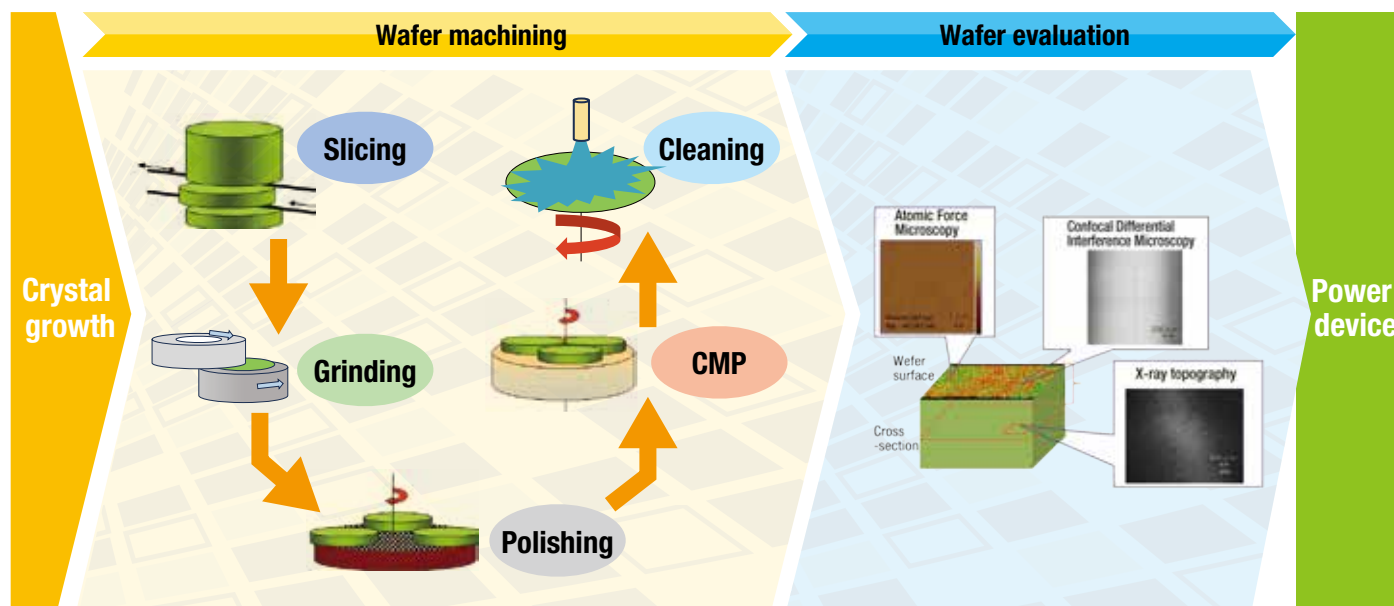
**Visitors Categories** Engineer / Researcher of Bulk Single Crystal Growth for SiC/GaN,  
Engineer / Researcher of Wafer Processing Technology for SiC/GaN,  
Engineer / Researcher for Diamond Wafers, Engineer / Researcher of Wafer Evaluation Technology, Students etc.

### Held at the same time Grinding Technology Japan 2025

**Exhibition Subjects** Grinding machines, Polishing machines, Grinding wheels, Truing machines, Precision measuring devices, Peripheral devices, Tool Grinding machines, Cutting tools, Cutting tools processing technologies, Cutting tools applied technologies, Cutting oil, Cutting oil supply devices, Cutting oil filters, etc.

**Visitors Categories** Engineers, Researchers, Manufacturers, Students and experts specialized in grinding and cutting tool processing technologies

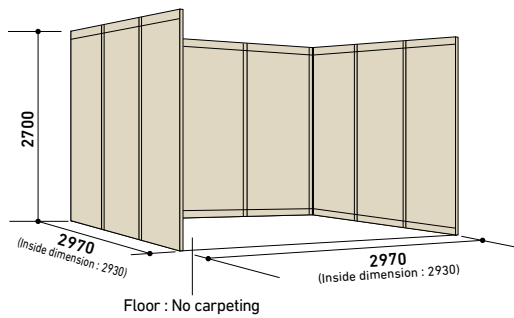
## SiC, GaN Machining Technology Exhibition Image



## Booth Specifications and Exhibition Fee

### Booth specifications

1 booth - unit (width 3 m × depth 3 m × height 2.7 m)



The basic booth shall be set up according to system panel specifications, and the rear and side walls shall be installed by the organizer.

### Layout of booths

The booths can be arranged in five ways – row, block, island (double), island (triple), – to suit the exhibits, the method of installing the booths and special arrange booths.

1 - 9 booths can decorate the booth to a height of **4.0 m**. (a one-meter setback from the passage and from the basic panel can accommodate a decoration of up to 3.6 meters.)

In addition, exhibitors who use an island booth consisting of at least 10 booths can decorate the booth to a height of 5 m.

#### Row type



#### Block (double) booths

At least 4 booths



#### Island (double) booth

At least 10 booths



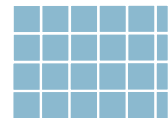
#### Island (triple) booths

12, 15, or 18 booths  
At least 12 booths



#### Special arrange booths

At least 20 booths  
(180m<sup>2</sup>)



### Exhibition fee

Exhibition fee (per booth)

**418,000 yen (including tax)**

## Turnkey Booth Package

A simple and quick booth package plan is available

Parapet, reception counter, carpet, lighting (fluorescent 20 W × 1 light, spotlights 15W × 2 lamps), 1 foldable chair, business card drop-box × 1, company name display, brochure stand (A4 size / 12 shelf), electric power use up to 1 kW included (higher power consumption charged separately) usage fees, outlet × 1.

Exhibition fee + **158,400 yen (including tax)**



## Exhibitor Presentation

Exhibitor Presentation provides exhibitors with opportunities to introduce their products and the latest technologies at the conference room provided in the exhibition hall. Inviting your prospective customers to the presentation is obviously an excellent way of not only introducing your products or technologies, but also promoting your corporate image for many visitors.

Participation Fee : 1 session (45 minutes)

**55,000 yen (including tax)**

\*For further details and application, please visit the official website.

## Web Banner

Highlight your presence beforehand with a Link Banner on our Official Website

**Dates:** From February 5 to April 7, 2025 [TBC]

**Publishing fee:** **55,000 yen (including tax)**

**Banner size:** W200px × H40px GIF format (can be animated)

**Data reception deadline:** January 17, 2025 ※ for final version data at the above size

# Schedule

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| September 30 (Mon.), 2024                | <b>Application Deadline</b>  |
| Early December 2024                      | <b>Release of the Floor Plan and Exhibitor Manual</b><br>※ The Exhibitor Manual includes application forms for display package equipment, electricity, etc.          |
| During December 2024                     | <b>Dispatch of Invitation cards</b><br>※ We will send the requested amount of Invitation cards for free (Invitation cards in English will be available in PDF only.) |
| Middle January 2025                      | <b>Deadline for diverse services</b> (Electricity, Rental furniture, etc.)<br>※ All application forms will be enclosed in the Exhibitor Manual.                      |
| March 2 (Sun.)<br>- March 4 (Tue.), 2025 | <b>Booth construction, decoration setting-up</b>   |
| March 5 (Wed.) - 7 (Fri.), 2025          | <b>Exhibition</b>  |
| March 7 (Fri.), 2025                     | <b>Removal</b> (17:00 - 21:00)   |
| 8 (Sat.)                                 | <b>Removal</b> (9:00 - 17:00)  |
| May, 2025                                | <b>Exhibition Report</b>   |



## Access

### MAKUHARI MESSE

2-1, Nakase, Mihama-ku, Chiba-shi, Chiba 261-8550, Japan  
Phone : +81-43-296-0001

<https://www.m-messe.co.jp/en/>

### By public transportation

#### By Train

- Approx. 30 minutes from Tokyo Station or 12 minutes from Soga Station to Kaihim Makuhari Station on the JR Keiyo Line. 5 minutes walk to Makuhari Messe.
- Approx. 40 minutes from Akihabara Station to Makuhari Hongo Station on the JR Sobu Line. 15 minutes by bus to Makuhari Messe.

#### By Bus

- Limousine Bus services from both Tokyo international Airport (Haneda) and Narita International Airport are available.

