

Beijing Sino Advanced Chemical Materials Institution (ACMI)

Preliminary Announcement:

2027 (the 3rd) Asia Silicone Technology Exchange Conference

To Our Industry Partners:

The global silicone industry is currently undergoing a critical period of reshaping—China accounts for over 70% of global production capacity, making Asia the core engine of global silicone production and consumption. Demand from emerging fields such as new energy vehicles, photovoltaics, electronics, and medical devices continues to surge, presenting unprecedented strategic opportunities for technological collaboration and supply chain cooperation within the Asian region.

To continuously build a high-level dialogue platform for the Asian silicone industry and promote regional technological exchange, market access, and industrial cooperation, building on the success of the previous two editions, our institute plans to hold the “2027 (the 3rd) Asia Silicone Technology Exchange Conference” in Suzhou, China, from March 29-31, 2027. The conference, themed “Asian Collaboration, Silicon Creates the Future,” will feature two sub-forums: ‘Macro Trends of Silicone in Asia’ and ‘Frontier Silicone

Technologies and Future Application Scenarios', focusing on regional cooperation, technological innovation, green manufacturing, and emerging application scenarios in the Asian silicone industry.

The conference will feature simultaneous interpretation in both Chinese and English. It is expected to bring together approximately 200 industry elites from China, Japan, South Korea, India, Southeast Asia, and other countries and regions to discuss the "new trends, new applications, and new business opportunities" in the Asian silicone industry. Registration for this conference will grant you free access to a series of concurrent events, including the "2027 Asia Silicon Technology Conference and Fair (AST2027)," the "National Catalysis and Catalyst Expo 2027 (NCCE2027)," and the "2027 Advanced Chemical Materials Industrial Exhibition (ACMIE2027)," allowing you to engage in in-depth exchanges with international businesses, gain a precise understanding of the Asian and global silicone trends, and effectively seize industry opportunities. Specific details are as follows:

I. Organizing Institutions

● Supporting organizations:

Small and Medium Enterprises Working Committee of China Petroleum and Chemical Industry Federation

Sino Alliance of Green Development of Silicon Industry (SAGSI)

Zhongguancun Photovoltaic Industry Alliance (ZPVA)

Yunnan Province Silicon Industry Engineering Research Center

● **Organizer:**

Beijing Sino Advanced Chemical Materials Institution (ACMI)

ACMI Europe GmbH.

● **Host:**

ACMI Silicon-based Advanced Materials Research Institute

● **Supporting Media:**

LinkedIn: ACMI

WeChat Official Account: Chemical Advanced Materials, Silicone

<https://gst2024.acmi.org.cn>

<https://acmi.org.cn>

II. Conference Schedule

(I) Dates and Location:

- Dates: March 29-31, 2027
- Location: Suzhou, Jiangsu Province, China
- Venue: Suzhou Shishan International Conference Center
- Address: No. 78, Jinshan East Road, Huqiu District, Suzhou City, Jiangsu Province, China

(II) Conference Agenda (Simultaneous Interpretation in Chinese and English):

March 29 th (all day)	Registration, Check-in
March 30 th (morning)	Sub-forum 1: Macro Trends of Silicone in Asia

March 30 th (afternoon)	Sub-forum 2: Frontier Silicone Technologies and Future Application Scenarios
March 31 st (morning)	Main Forum of AST2027
March 31 st (afternoon) Exhibition visit Exhibition dates: March 30 th - April 1 st	2027 Asia Silicon Technology Conference and Fair (AST2027) 2027 Advanced Chemical Materials Industrial Exhibition (ACMIE2027) National Catalysis and Catalyst Expo 2027 (NCCE2027)

Registering for this conference entitles you to free participation in other concurrent events; see Appendix 3 for details.

III. List of Invited Participants

1. Experts and scholars in the silicone industry;
2. Senior management personnel from representative silicone companies;
3. Heads, technical and R&D personnel, and marketing and sales personnel from upstream and downstream silicone companies in Asia (raw materials, silicone monomers, silicone oils, silane coupling agents, silicone rubber, silicone resins, downstream products, equipment, etc.);
4. Silicone trading agents and buyers from Japan, South Korea, India, Thailand, Vietnam, Indonesia, Malaysia, and other countries;
5. Purchasing and R&D personnel from end-application fields such as new energy vehicles, photovoltaics, electronics, semiconductors, power, medical, construction, and smart wearables;
6. Representatives from silicone industry associations, societies, and research institutes;

IV. Fee Schedule

(I) Participation Fees

Date	Price
Before February 19, 2027	\$700 per person
After February 19, 2027 and on-site	\$800 per person

(2) Booth Fees

Booth Types	1st Floor Exhibition Area	2nd Floor Exhibition Area	Special Offers
Standard booth / 9m ²	US\$3100/booth	US\$3800/booth	Enjoy a 15% discount before October 31, 2026, and a 12% discount before February 19, 2027. Each 9 m ² booth offers 2 free attendee slots, with a maximum of 6 free attendees per company.
Raw space(special design booth) / 18m ² and up	US\$280/m ²	US\$350/m ²	

(III) Payment Account (Remittance Note: ASTEC2027)

Intermediary Banker's Name: JPMORGAN Chase Bank, ASSOCIATION, New York CITY,
NEW YORK

SWIFT Code: CHASUS33

Bene Banker's A/C No.: 001043718

Beneficiary Banker's Name: Industrial and Commercial Bank of China,
Beijing Zhonghangyou sub-Branch

BANK Address: FIRST FLOOR, BUILDING 9, 5 ANDING ROAD, CHAOYANG
DISTRICT, BEIJING, CHINA

SWIFT Code: ICBKCNBJBJM

Beneficiary: Beijing Sino Advanced Chemical Materials Institution Co., Ltd.

0200 2282 0902 0125 456

Address: Rm.1510, Building 4, Yard 18, Kechuang 13th St., Economic & Technological
Development Zone, Beijing, China

(IV) Business Cooperation

The conference accepts various business cooperation requests, including sponsorship for speeches, exhibition booths, advertising in the conference program, lanyards, name badges, roll-up banners, etc. For details, please contact the conference organizing committee.

V. Contact Information

Sharon Hsiung	+86-13811366249	xiongshuang@acmi.org.cn
Grace Liang	+86-18086626501	liangyating@acmi.org.cn
Nicole Tang	+86-18210097596	tangnaimei@acmi.org.cn

Attachment 1: Registration Form

Attachment 2: Sub-forums and Tentative Topics

Attachment 3: Schedule of Concurrent Events

Beijing Sino Advanced Chemical Materials Institution (ACMI)

May 11, 2026

Attachment 1: Registration Form

Conference	2027 (the 3rd) Asia Silicone Technology Exchange Conference			
Company*				
Products	(Limited to 3 options, to be added to address book)			
Participants	Name	Job title	Mobile phone	Email
Details*				
Conference Fees	Conference Abbreviations	Before February. 19, 2027		After Feb. 19, and on-site
	ASTEC2027	\$700 per person		\$800 per person
	Total amount:\$ _____ (Including registration fee, meals during the conference, excluding accommodation and tax.)			
Booth Fees	Booth Types	1st Floor Exhibition Area	2nd Floor Exhibition Area	
	Standard booth / 9m ²	US\$3100/booth	US\$3800/booth	
	Raw space(special design booth) / 18m ² and up	US\$280/m ²	US\$350/m ²	
	Special Offers: Enjoy a 15% discount before October 31, 2026, and a 12% discount before February 19, 2027. Each 9 m ² booth offers 2 free attendee slots, with a maximum of 6 free attendees per company.			
Payment Account (Remittance Note: ASTEC2027)	Intermediary Banker's Name: JPMORGAN Chase Bank, ASSOCIATION, New York CITY, NEW YORK SWIFT Code: CHASUS33 Bene Banker's A/C No.: 001043718 Beneficiary Banker's Name: Industrial and Commercial Bank of China, Beijing Zhonghangyou sub-Branch BANK Address:FIRST FLOOR, BUILDING 9, 5 ANDING ROAD, CHAOYANG DISTRICT, BEIJING, CHINA SWIFT Code: ICBKCNBJBJM Beneficiary: Beijing Sino Advanced Chemical Materials Institution Co., Ltd. 0200 2282 0902 0125 456 Address: Rm.1510, Building 4, Yard 18, Kechuang 13th St., Economic & Technological Development Zone, Beijing, China			
* Commercial Invoice Information	VAT NO.			
	Company name			
	Company address			
Accommodation	It involves multiple hotels; hotel information will be provided after registration.			
Organizing Committee	Sharon Hsiung +86-13811366249 xiongshuang@acmi.org.cn Grace Liang +86-18086626501 liangyating@acmi.org.cn Nicole Tang +86-18210097596 tangnaimei@acmi.org.cn			
Note: * refers to the required information. Please send the <i>Registration Form</i> to the above contact to make an address book and others concerned.				

Attachment 2: Sub-forums and Tentative Topics

Sub-forums 1: Macro Trends of Silicone in Asia

1. Restructuring the Asian Silicone Supply Chain in the Post-Globalization Era: Changes, Challenges, and Coping Strategies

Analyzes the actual impact of changes in the global trade landscape on the Asian supply chain, and explores how companies can build resilience through regionalization, inventory strategies, and diversified procurement.

2. Carbon Neutrality Practices of Asian Silicone Companies: From Goal Setting to Implementation

Reviews the practical measures and achievements of major Asian silicone companies in carbon emission reduction, shares replicable carbon reduction cases, and analyzes the application dynamics of green finance tools.

3. The New Landscape of the Asian Silicone Market: Capacity Flows, Trade Flows, and Competitive Focus

Analyzes changes in capacity, import and export data, and price trends in major countries and regions such as China, Japan, South Korea, India, and Southeast Asia, and analyzes the focus of regional competition.

4. Silicone Demand Analysis in Emerging Asian Markets: Opportunities and Challenges in India, Vietnam, and Indonesia

Analyzes the growth potential of silicone demand in construction, automotive, and electronics sectors in India, Vietnam, and Indonesia during their industrialization and urbanization processes.

5. Sino-Japanese Silicone Industry Cooperation and Trade: Market

Barriers, Import Substitution, and Overseas Expansion Practices

Explores Japan's entry standards and technical barriers in the optical, medical, and electronic grade silicone fields, as well as export opportunities and overseas expansion experiences for Chinese companies.

6. Sino-Korean Silicone Industry Chain Collaboration: Cooperation Opportunities in South Korea's Localization Process and Chinese Overseas Expansion Practices

Analyzes the progress of South Korea's domestic silicone production capacity construction, and examines the supporting opportunities for Chinese companies in key materials and equipment, along with overseas expansion case studies.

7. Interaction between China and Southeast Asia's Silicone Industry: Localization Trends, Trade Opportunities, and Plant Construction Practices

Explores the demand for localized silicone production in countries such as Vietnam, Thailand, and Indonesia, as well as policy incentives, and the overseas plant construction practices and trade experiences of Chinese companies.

8. High-Value Utilization of By-product Resources: New Breakthroughs in Cross-border Applications of Slurry Residue, Low-Boiling-Point Substances, and Hydrochloric Acid

Shares the latest industrialization progress in areas such as the preparation of

precipitated silica from silicone by-product slurry residue, the preparation of silane coupling agents from low-boiling-point substances, and the recycling of hydrochloric acid.

Sub-forums 2: Frontier Silicone Technologies and Future Application Scenarios

1. Upgrades in Silicone Thermal Management Materials Driven by AI Computing Power

Addressing the new challenges posed by the continuously rising power density of AI chips, this section explores the latest performance breakthroughs and application cases of thermally conductive gels, liquid thermal pads, and phase change thermally conductive materials.

2. New Requirements for Silicone Materials After the Popularization of the 800V Platform in New Energy Vehicles

Analyzing the performance requirements and improvement directions of silicone materials for cable insulation, battery pack potting, and connector sealing on the 800V high-voltage platform.

3. Frontiers of Solid-State Batteries and the Potential Role of Silicone: Early Research and Material Design

Introducing the special requirements of solid-state batteries for electrolytes, interface materials, and encapsulation materials, and discussing the possible application directions and pre-research progress of silicone in these areas.

4. Iteration of Silicone Materials for Photovoltaic Modules: Functional Extension from Sealing to Conductivity

Analyzing the differentiated requirements and industrialization progress of next-generation photovoltaic modules such as TOPCon, HJT, and perovskite for conductive adhesives, high-barrier sealants, and light conversion encapsulation materials.

5. Flexible Sensors and Smart Wearables: Advances in the Application of Silicone in Electronic Skin

Showcases the latest research results and application cases of silicone-based flexible pressure sensors, strain sensors, and temperature sensors in wearable devices.

6. Ultra-High Purity Silicone for Advanced Semiconductor Packaging: Domestic Production Process and Customer Certification

Introduces the purity requirements of high-end silicone materials such as die-attach adhesives, stress-reducing coatings, and underfill adhesives, and updates the product development and customer onboarding progress of domestic companies.

7. Self-Healing and Shape Memory Silicone: From Laboratory to Commercialization

Reviews the application attempts of self-healing silicone rubber and shape memory silicone in coatings, seals, and flexible actuators, and analyzes technical bottlenecks and commercialization prospects.

8. Silicone 3D Printing with Adjustable Mechanical Properties: Research Progress and Clinical Application Prospects

Introduces the research progress and application prospects of 3D printed silicone in surgical planning models, biomimetic tissue models, and personalized medical implants.

9. Applications of Silicone in Energy Storage Systems: Liquid Cooling Piping, Thermal Insulation Sheets, and Flame-Retardant Encapsulation

Discusses the specific technical requirements and market prospects of silicone liquid cooling pipes, aerogel thermal insulation sheets, and flame-retardant potting compounds for large-capacity energy storage battery packs.

10. Optical Silicone for LiDAR and Cameras in Smart Cars: The Dual Challenges of Weather Resistance and Light Transmittance

Analyzes the comprehensive requirements and solutions for silicone materials in automotive optical devices regarding high and low temperature shock, UV aging, and optical stability.

AST2027 Main Forum

1. Opening Remarks

Speeches by: Leaders of the Organizers and Federation

Speeches by: Representatives of relevant international industry organizations

Speeches by: Representatives of the main sponsors of the conference

2. Keynote Speeches

Reports on Cutting-Edge Technologies by Academicians

Experts from National Industry Authorities and Industry Associations on Policy Interpretation

Leaders of Global Leading Enterprises Sharing Industry Practices

Renowned Economic Experts Analyzing the Macroeconomic Situation and Market Prospects

3. Exhibition Tour

Leaders, Academicians, and other participating guests tour the exhibition area

Attachment 3: Schedule of Concurrent Events