

Presentation Proposals: 2026 CGA Technical Summit

Speaker Criteria - Please Read Carefully Before Submitting a Proposal

Submission Deadline: **May 6, 2026**

The Compressed Gas Association (CGA) will host its third annual **Technical Summit, TECH26, November 3–5, 2026, in Phoenix, Arizona**. We invite subject matter experts, industry leaders, and technical professionals to submit presentation proposals for this in-person conference.

The theme for TECH26 is: Gases at the Leading Edge: Industrial and Specialty Gases Enabling Semiconductors and Next-Generation Manufacturing

TECH26 will explore the critical role of industrial, atmospheric, and specialty gases in semiconductor and advanced electronics manufacturing. The summit is designed to deliver timely, technically grounded, and market-relevant content for professionals across the compressed gas value chain.

Presenters will be selected by CGA technical staff and committees. Applicants will be notified by June 1, 2026 regarding the status of their proposal.

As a benefit to sharing your knowledge, approved presenters will be given complimentary registration to TECH26.

Selection Criteria

CGA is seeking presentations that are educational, technically sound, and relevant to the summit theme.

Preference will be given to proposals that:

- Address current or emerging issues in semiconductor, advanced electronics, industrial gas, or specialty gas applications
- Provide practical insights, lessons learned, case examples, or technical expertise
- Offer clear value to attendees across manufacturing, distribution, operations, safety, engineering, and management roles
- Support knowledge sharing and discussion across industry segments

- Avoid overt commercial promotion of products, services, or companies

If you have a strong idea for a session but do not wish to present, you are still encouraged to submit a proposal. Please enter “N/A” in the proposed presenter field.

Topic Areas

Semiconductor and Advanced Electronics Manufacturing

- Semiconductor and electronics manufacturing trends
- Fab construction, expansion, and operational challenges
- The role of industrial, atmospheric, and specialty gases across the value chain
- Safety expectations and risk management in high-hazard manufacturing environments
- Market drivers such as AI, advanced packaging, and power electronics
- Incident preparation, investigation, and response

Atmospheric / Bulk Gas Systems and Operations

- Bulk gas supply models for semiconductor facilities, including merchant and on-site supply
- ASU design, operation, and integration into fab environments
- Reliability, redundancy, and outage prevention
- Operations, maintenance, and workforce considerations
- Safety management for atmospheric gas systems
- Incident prevention, lessons learned, and non-proprietary case studies

Specialty and Electronic Gases

- Production, purification, and quality assurance of specialty and electronic gases
- Safe Handling and distribution of toxic, pyrophoric, and corrosive gases

- Cylinders, packaging, valves, and delivery technologies
- Incident prevention, lessons learned, and non-proprietary case studies
- Emerging gases and materials for next-generation devices

Summit Mission

TECH26 is a technically grounded, market-relevant conference focused on the role of atmospheric and specialty gases in semiconductor and advanced electronics manufacturing. The program is designed to balance broad, cross-cutting industry content with dedicated space for committee-driven technical engagement, supporting both knowledge exchange and continued technical progress.

Additional Information

- Sponsorship does not guarantee selection as a speaker.
- Proposals are welcome from both CGA members and nonmembers.
- Unless otherwise noted, presentations will be 40 minutes in length.
- Session titles and descriptions may be edited for clarity, style, length, and consistency.

Your First Name* _____

Your Last Name* _____

Your Title* _____

Your Company* _____

Your Email* _____

Your Phone Number* _____

Proposed Presentation Title*

Proposed Presenters

If you are submitting yourself as a speaker, please add your full name below. If you are submitting on behalf of someone else, please type their name(s) below.

If you do not have a speaker in mind, type N/A. *

Proposed Presentation Description

This description will be listed in the conference program for your session. Please be detailed. Please also explain why the audience would be interested in the topic.

Descriptions may be edited for style, clarity, or length. *

Content Level

Our conference participants have a wide range of work experience. Please indicate the experience level necessary for your intended topic. *

- Beginner/Intro (audience has little familiarity with topic)
- Intermediate (audience is moderately familiar with topic)
- Advance (audience is well-versed in the topic)

Primary Topic Area (See topic area descriptions above)*

- Semiconductor and Advanced Electronics Manufacturing
- Atmospheric / Bulk Gas Systems and Operations
- Specialty and Electronic Gases

Is this presentation educational and non-commercial in nature?*

- Yes
- No

Has this presentation been delivered at a previous CGA event?*

- Yes
- No

Is this an incident presentation?*

- Yes
- No

Additional Notes or Speaker Background

Please share any additional context about the presenter’s qualifications, experience, or perspective that would help the selection committee evaluate this proposal. (Optional)

Please type **YES** below to acknowledge that a completed, approved presentation will be submitted by **October 6, 2026**, and that you (or the presenter you are submitting on behalf of) are available to attend the event in person in Phoenix, AZ on November 3-5, 2026.*
