

2021 Gas Machinery Conference

Louisville Convention Center, Louisville, KY

October 3th-7th, 2021

One of the industry's premier conferences, GMRC's Gas Machinery Conference offers three days of leading-edge technical training and educational presentations designed to equip the industry with the skills needed to be successful in operations, while connecting attendees to other motivated professionals and service providers from across the country and world.

The educational sessions and networking opportunities are valuable for design engineers, facility engineers, and technicians with an emphasis on the operation, maintenance and testing of gas compression machinery.

The conference includes a wide range of short courses, technical papers, and technology updates, all presented by some of the leading subject matter experts in the industry. The event also includes a vendor exhibit with over 120 companies showcasing the latest equipment, technology, and services.

This is your chance to [contribute!](#)

We're looking for the best and brightest in the industry to present short courses, technical papers and technology updates to 1,200+ industry peers in Louisville, KY.

For more information about types of papers and paper categories, visit the conference webpage.

Key Dates

February 5, 2021	Abstracts for Consideration Open
March 19, 2021	Abstracts for Consideration Close
April 23, 2021	Authors Notified
July 16, 2021	Draft Papers Due to GMC for Peer Review & Comments
August 20, 2021	100 Word Summary of Final Paper Due
August 31, 2021	Final Papers Due
September 17, 2021	Final Presentations Due

Deadlines are strictly enforced. NO exceptions will be made. Please add these dates to your calendar to avoid unforeseen or unavoidable delays in your schedule.

Have questions? Contact Rishi Chauhan by email at Rishi.Chauhan@southerngas.org or telephone at 713-259-9158.

Submission Types

The GMC Planning Committee will accept papers for the conference based on an informative abstract submitted by the deadline. All abstracts will be evaluated on the information supplied. The planning committee will use this information to help select papers, assign time slots and assign technical reviewers.

- **Short Courses:** The Short Course presentation is a 3-hour technical presentation. This presentation should be free of commercialism and fall into one of the categories listed below. Authors are required to submit a final PowerPoint presentation that will be published on the Gas Machinery Research Council's online library.

- **Mini Short Courses:** The Mini Short Course presentation is a 90-minute presentation. This presentation should be free of commercialism and fall into one of the categories listed below. Authors are required to submit a final PowerPoint presentation that will be published on the Gas Machinery Research Council's online library.
- **Technical Papers:** The Technical Paper presentations are 45-minute lectures consisting of 35-40 minutes of lecture and 5-10 minutes of questions and answers. This presentation should be free of commercialism and fall into one of the categories listed below. Authors are required to submit a final paper that will be published on the Gas Machinery Research Council's online library.
- **Technology Updates:** The Technology Update presentations are 8-minute commercial presentations that detail a new technology, product, or service for 2020/2021. To present a technology update, the presenting companies must be members of the Gas Machinery Research Council (GMRC). If you would like to present a technology update, but are unsure if your company is a member, or you would like to become a member of GMRC, please contact Rishi at Rishi.Chauhan@southernngas.org or memberservices@gmrc.org or Call 713-259-9158

Short Course and Technical Paper Categories:

Auxiliary Systems

Examples:

- Filtration
- Blow-down systems
- Oil condition monitoring
- Scrubber controls

Career Enhancement

Examples:

- Ethics
- Development
- Generational or Gender issues
- New entrants

Centrifugal Compressors

Examples:

- Dry Gas Seals
- Designs, process maps, efficiency, applications, case studies
- Maintenance
- Vibration issues specific to centrifugal compressors
- Electric vs. Gas Drivers
- Controls and Surge Control
- Testing

Data Analytics

Examples:

- Remote condition monitoring

- Artificial Intelligence
- Automation
- Transformation

Emissions

Examples:

- EPA + State Compliance Issues/new or proposed regulations
- Designs for control/monitoring
- Case Studies / Shared Learning

Gas Turbines

Reciprocating Compressors

Examples:

- Designs, efficiency, applications, case studies
- Maintenance Issues
- Vibration issues specific to reciprocating compressors
- Electric vs. Gas Drivers

Reciprocating Engines

Examples:

- Designs, efficiency, applications, case studies
- Maintenance Issues including health monitoring
- Vibration issues specific to reciprocating engines

Research

- Pure, not related to a brand of equipment; example: liquid dropout modeling for compression)

Safety

Vibration/Pulsation

Examples:

- Prevention
- Accommodative/Mitigative Designs
- Measurement/Protection

Other (none of the above)

Frequently Asked Questions (FAQ's)

I am not sure what category my paper falls under?

Please visit <https://www.gmrc.org/form/2020-gas-machinery-conference-ab> for category/ paper types. Still unsure? Email Rishi Chauhan by email at Rishi.Chauhan@southerngas.org

I need a visa to present at this conference, will GMRC sponsor me?

At this time GMRC does not sponsor visas for presenters. However, we do hope you will be able attend.

Can I submit multiple abstracts?

Of course! You may submit as many abstracts as you would like. Please submit abstract for consideration [here!](#)

Who reviews the abstracts?

The abstracts are reviewed by <https://www.gmrc.org/about/committees> made up of operators and manufacturers from the gas machinery industry.

What format should I submit my final paper and presentation in?

Final paper/presentations should be submitted in PDF format. Presentations should be in 16:9 format.

How should I bring my presentation to the conference? Can I present using my own computer?

You must bring a flash drive to the conference and must be able to use the laptop provided in each classroom. If this is an issue, please contact Rishi.Chauhan@southerngas.org

Tech Update FAQs

The GMC Technical Updates are 8-minute slots given to the entire conference. The time is yours to present information about the new technology/product to all participants. We do not review the material prior to the presentation. It is expected that you arrive approximately 15 minutes early to the session with the presentation on a USB stick. We will load the presentation on to a computer with PowerPoint and a PDF viewer so that there is no time wasted switching out equipment between presentations. The presentation order will be determined by the schedule which is usually alphabetical. The moderator will provide final instructions and allow for a walk through during the 15 minutes prior to the session

I have more questions.... help!

We're here to help! Please reach out to Rishi.Chauhan@southerngas.org with any questions or concerns.