

Call for Papers

67th Annual Fall Technical Conference

Big Data, Big Energy: Innovations in Quality, Statistics, and Data Science

October 7-9, 2025
Houston Marriott Sugar Land, Sugar Land, Texas



Photo courtesy of Trace Hudson at pexels.com.

Co-Sponsored By:

American Society for Quality
Chemical and Process Industries Division
Statistics Division

American Statistical Association
Section on Physical and Engineering Sciences
Quality & Productivity Section

We invite you to submit abstracts for presentation at the 67th Annual Fall Technical Conference to be held on October 8-9, 2025 (short courses to be held October 7th) at the Houston Marriott Sugar Land in Sugar Land, TX (Greater Houston Metropolitan Area). Houston is known for space exploration, energy, and its culinary scene. The Fall Technical Conference has long been a forum for both statistics and quality and is co-sponsored by the American Society for Quality (Chemical and Process Industries Division and Statistics Division) and the American Statistical Association (Section on Physical and Engineering Sciences and Section on Quality and Productivity). The goal of this conference is to engage researchers and practitioners in a dialogue that will lead to the more effective use of statistics to improve quality and foster innovation.

Please submit an abstract [online](#) if you are interested in presenting an applied or expository paper in any of the categories of: Statistics, Quality, Experiment Design, Machine Learning, or Tutorial/Case Studies. The work in a presentation should be strongly justified by an application to a problem in engineering, manufacturing, the process/chemical industry, the physical sciences, or a service industry. The mathematical level of the papers may range from introductory to advanced (e.g., that of the Journal of Quality Technology or Technometrics). Please note which level of audience is targeted (Introductory, Intermediate, or Advanced) so that the committee can assign papers appropriately and plan a balanced program. The program committee welcomes any suggestions for special session topics or speakers. If you have any suggestions or proposals, please contact one of the program committee members listed below. For more information, please visit <http://www.falltechnicalconference.org>

Abstract Submission Deadline is February 28, 2025

Program Committee

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Abstract Submission Information

The abstract submission deadline is February 28, 2025.

Online Abstract Submission

www.falltechnicalconference.org/submit-an-abstract

Abstract Content

The abstract should include a session preference, target audience, and the following three components:

1. Motivation or background
2. Description of work done
3. Significance. Are there improvements, applications, new abilities, new points of view, etc.? How will the status quo be changed?

Session Preference (choose one)

- Statistics
- Quality
- Experimental Design
- Tutorial/Case Study
- Machine Learning
- Data Science

Target Audience (choose one)

- Introductory/Practitioner
- Intermediate
- Advanced/Theoretical

