

Call for Papers

63rd Annual Fall Technical Conference

Statistics: Setting the Standard for Success in Quality

September 25 – 27, 2019

National Institute of Standards and Technology, Gaithersburg, MD



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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 63rd Annual Fall Technical Conference to be held on September 26-27, 2019 (short courses to be held Sept 25th), in Gaithersburg, MD, a suburb of Washington, DC. 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 more effective use of statistics to improve quality and foster innovation.

If you are interested in presenting an applied or expository paper in any of the categories of Statistics, Quality, Experiment Design, Machine Learning, Data Science, or Tutorial/Case Studies, please submit an abstract online or email it to the committee chair listed below. Work should be strongly justified by 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 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 ideas, please contact one of the program committee members listed below. For more information please visit <http://www.falltechnicalconference.org>

Abstract Submission Deadline is March 15, 2019

Program Committee

SPES

Mary Frances Dorn (Chair)
Los Alamos National Laboratory
505-667-9111
mfdorn@lanl.gov

STAT

Richard "Herb" McGrath
Bowling Green State University
419-672-8451
Rnmcgra@bgsu.edu

CPID

Sarah Burke
The Perduco Group
713-870-8866
seburke89@gmail.com

Q&P

Shan Ba
The Procter & Gamble Company
513-622-0488
ba.s@pg.com

General Conference Chair

Adam Pintar
National Institute of Standards
and Technology
301-975-4554
adam.pintar@nist.gov

Abstract Submission Information

Online Abstract Submission

www.falltechnicalconference.org/submit-an-abstract

Abstract Content

The abstract should include a session preference, target audience, and the following 3 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

One presenter for each talk will receive a 50% discount on conference registration.