

Call for Papers

64th Annual Fall Technical Conference *Mining for Quality with Statistics and Data Science*

October 7 – 9, 2020

Sheraton Park City Hotel, Park City, Utah



Photo courtesy of Park City Chamber/Bureau

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 64th Annual Fall Technical Conference to be held on October 8-9, 2020 (short courses to be held Oct 7th), in Park City, UT, an old mining town now mountain resort, 30 miles outside of Salt Lake City. 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 27th, 2020

Program Committee

Q&P

Shan Ba (Chair)
LinkedIn

shanbatr@gmail.com

CPID

Nathaniel Stevens
University of Waterloo
519-888-4567 x35540
nstevens@uwaterloo.ca

STAT

Richard "Herb" McGrath
Bowling Green State University
419-372-8451

Rnmcgra@bgsu.edu

SPES

Mary Frances Dorn
Los Alamos National Laboratory
505-667-9111

mfdorn@lanl.gov

General Conference Chair

Richard Warr
Brigham Young University
801-422-9393
warr@stat.byu.edu

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.