

# Call for Papers

## 60<sup>th</sup> Annual Fall Technical Conference *Statistics & Quality: Twin Pillars of Excellence*

October 6-7, 2016

Courtyard by Marriott, Minneapolis MN



*Co-sponsored by:*

**American Society for Quality**  
Chemical and Process Industries Division  
Statistics Division

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

We invite you to submit papers for presentation to the 60<sup>th</sup> Fall Technical Conference to be held on October 6-7, 2016, in Minneapolis, MN. 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 leads 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, Experimental Design, or Tutorial/Case Studies, contact any of the committee members listed below, preferably by e-mail. Work should be strongly justified by application to a problem in engineering, manufacturing, big data, process/chemical industry, physical sciences, or a service industry. The mathematical level of the papers may range from basic to 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.

**Abstract Submission Deadline is February 26, 2016**

## Program Committee

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Please follow the abstract format (provided below). Papers are selected based on subject matter, technical correctness, usefulness, interest, clarity, and readability.

### **Abstract Format (Use only a single page please.)**

#### **Title of Presentation**

First author	Second author	Third author
Affiliation	Affiliation	Affiliation
Daytime phone number	Daytime phone number	Daytime phone number
Paper mail address	Paper mail address	Paper mail address
Email address	Email address	Email address

**Presenter:** name of presenter

**Keywords:** include 3 to 5 key words or phrases

**Purpose:** One sentence. To derive, prove, synthesize, review, present, inform, encourage, motivate, enlighten, exemplify, highlight, etc.

#### **Abstract**

The abstract should include 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

#### **Target Audience (choose one)**

- Introductory/Practitioner
- Intermediate
- Advanced/Theoretical