

# Call for Papers

## 56<sup>th</sup> Annual Fall Technical Conference

*Statistics and Quality: Expanding the Horizon*

October 4 & 5, 2012

Millennium Hotel St. Louis / St. Louis, MO



*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 and Productivity

We invite you to submit papers for presentation at the 56<sup>th</sup> Fall Technical Conference to be held October 4-5, 2012 in St. Louis, MO. 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 the Statistics Division) and the American Statistical Association (Section on Physical and Engineering Sciences and the 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.

If you are interested in presenting an applied or expository paper in any of three parallel sessions (Statistics, Quality Control 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, process/chemical industry, physical sciences, or a service industry. The mathematical level of the papers may range from basic to that of *Journal of Quality Technology* or *Technometrics*. Please note which level of audience is targeted (Introductory, Intermediate, or Advanced) so the committee can pair 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 28, 2012**

## Program Committee

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**ASA Q&P:**

David Edwards (Chair)  
Virginia Commonwealth University  
(804) 828-2936  
[dedwards7@vcu.edu](mailto:dedwards7@vcu.edu)

**ASA SPES:**

Robert Wilkinson  
The Lubrizol Corporation  
(440) 347-4423  
[Robert.Wilkinson@lubrizol.com](mailto:Robert.Wilkinson@lubrizol.com)

**ASQ STAT:**

Peter Parker  
National Aeronautics and Space Administration  
(757) 864-4709  
[peter.a.parker@nasa.gov](mailto:peter.a.parker@nasa.gov)

**ASQ CPID:**

Maria Weese  
Miami University of Ohio  
(513) 529-0591  
[weese1@muohio.edu](mailto:weese1@muohio.edu)

## Abstract Format

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Please follow the provided abstract format. Papers are selected based on subject matter, technical correctness, usefulness, interest, clarity, and readability. Use one page only.

### Title of Presentation

First author

Affiliation

Daytime phone number

Paper mail address

Email address

Second author

Affiliation

Daytime phone number

Paper mail address

Email address

Third author

Affiliation

Daytime phone number

Paper mail address

Email address

**Presenter:** name of presenter

**Keywords:** include three to five keywords 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 Control

\_\_\_ Case Study/Tutorial

### Target Audience (Choose One)

\_\_\_ Introductory/Practitioner

\_\_\_ Intermediate

\_\_\_ Advanced/Theoretical