

CALL FOR PAPERS

55th Annual Fall Technical Conference

Statistics and Quality: Getting up to Date

October 13-14, 2011

Kansas City Marriott Country Club Plaza, Kansas City, MO



We invite you to submit papers for presentation to the 55th Fall Technical Conference to be held October 13-14, 2011, in Kansas City, 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 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.

Achieving higher quality levels is a requirement in today's dynamic global economy. Successful organizations deliver quality products and/or services. Success stories, such as those achieved with Six Sigma and Lean, have shown that organizations can improve quality while simultaneously reducing costs. Establishing clear quantitative quality measures and effectively using statistics permit the interpretation of data to improve and achieve superior quality. The conference will serve to bring innovations in statistical methodologies and quality tools to the forefront. Papers submitted to this conference typically include novel developments in the area of quality or innovative applications of more established approaches.

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 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 28, 2011

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

Program Committee

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Abstract Format

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	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 Control
 Tutorial/Case Study

Target Audience (choose one)

Introductory/Practitioner
 Intermediate
 Advanced/Theoretical