

Statistics and Quality: Fifty Years of Exploration and Discovery 50th Annual Fall Technical Conference – Call for Papers

We invite you to submit papers for presentation to the 50th Fall Technical Conference to be held October 12-13, 2006 in Columbus, OH. 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 Industry 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.

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, have shown that organizations can improve quality and simultaneously reduce costs. Establishing clear quantitative quality measures enables us to improve and achieve quality. Effective use of statistics permits the interpretation of data to improve and achieve 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 applications of more established approaches in an innovative way.

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 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.

Committee Members:

CPID: Erika Abbas (Chair), E Ink Corporation, (617) 499-6049, eabbas@eink.com

Q&P: William Myers, Procter & Gamble, myers.wr@pg.com

SPES: Jeffrey Luner, Boeing, jeffery.j.luner@boeing.com

STAT: John Cornell, University of Florida, jcornell@stat.ufl.edu

Abstract Submission Deadline is March 6, 2005

It is important to 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)

Welcome to the ASQ Statistics Division's E-Zine. Our E-Zine will be a quick source of current news emailed to you monthly or whenever up-to-date news is available. We hope this to be an important member service providing timely information to help keep you employable. The mailing list will initially be Stat Division members who have opted in to receive division publications.

Title of Presentation

First Author
affiliation
phone number (day)
fax number
paper mail address
e-mail 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: Describe the 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

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