You are invited to attend the 57th Annual Fall Techni-
cal Conference held this year in San Antonio, TX. This
conference is the premier forum to discuss topics at
the interface of statistics and quality. The theme of this
year’s conference is “Statistics and Quality: Spurring
Innovation.” The goal is to engage researchers and
practitioners in a dialogue that leads to more effective
use of statistics to improve quality. The conference will
serve to bring innovations in statistical methodologies
and quality tools to the forefront. You will have the op-
portunity to meet informally and exchange views with
speakers and colleagues during breaks and in the hos-
pitality suite.

Hospitality Suite
The Annual Fall Technical Conference and the officers of the sponsoring organizations host a hospitality suite each year. This plays a vital role in the strategic operations of the di-
visions. We welcome new faces and new perspectives on
division operations as well as share technical insights with
colleagues in a friendly, informal atmosphere. Check at the
registration desk for hospitality suite location and hours of op-
eration. Please come to meet us in San Antonio!

Accommodations
A block of rooms is available at the Hyatt Regency San
Antonio through September 26, 2013. Conference room rates
are $159/night (single/double rate), plus taxes. To make
reservations, please call the hotel direct at 210-222-1234 and
mention the Fall Tech Conference to obtain the conference
room rate. Please keep in mind that ASA/ASQ is counting on
attendees to use the conference hotel to offset catering and
administrative costs.

Travel Arrangements
Travel arrangements from the airport to the hotel are the
responsibility of the attendee. The Hyatt Regency on the
world famous Riverwalk is a short 15 minute cab ride from
the airport. Rental cars are not necessary as everything is
within a short walking distance. However, if you do choose to
ten a car, parking is available at the hotel for $10/day. More
information is available on the conference website.

Cancellations and Refunds
A complete refund of conference registration fees will be giv-
en if you cancel prior to Oct 1, 2013. Cancellations received
on or after this date will incur a $146 cancellation fee.

Council Meetings
Three of the sponsoring organizations (Chemical & Process
Industries & Statistics Divisions of ASQ and the Quality &
Productivity Section of ASA) will also hold council meetings
during the conference (days and times TBA). The council
meetings are an opportunity for those who wish to become
involved in the activities of the societies to become better
informed. Please check the conference website (http://cba.
ua.edu/ftc2013) for more information on dates, times, room
locations, and other meetings of interest.

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### Session 4 - 9:30 - 10:00

**Title**: Dimensional Analysis and its Applications in Statistics
**Speakers**: Dennis Lin, Weijie Shen
**Affiliations**: Penn State University

**Abstract**: This session will focus on the application of dimensional analysis in statistics. It will cover recent advances in the field, including new methodologies and practical applications in various industries.

### Session 5 - 10:30 - 12:00

**Title**: Design and Analysis of Computer Experiments
**Speakers**: Paul Jones, Chuanliang Wang
**Affiliations**: Pacific Northwest National Laboratory

**Abstract**: This session will discuss the design and analysis of computer experiments, with a focus on the application of statistical methods in the context of complex simulations.

### Session 6 - 1:30 - 2:00

**Title**: Panel Discussion on the Practice of Innovation
**Speakers**: Willis Jensen, Peter Parker
**Affiliations**: W.L. Gore & Associates, Virginia Tech

**Abstract**: This panel discussion will explore the practice of innovation, including case studies and insights from industry leaders.

### Session 7 - 3:30 - 4:00

**Title**: Statistical Issues in Continued Process Verification
**Speakers**: Willis Jensen, Rob Kasprow, Krista Witkowski
**Affiliations**: Merck & Co., Inc.

**Abstract**: This session will focus on statistical issues in continued process verification, with a discussion of methodologies and practical applications.

### Session 8 - 5:15 - 6:15

**Title**: Mission Experiments
**Speakers**: Percival Spiegelhalter, David Han
**Affiliations**: NASA

**Abstract**: This session will explore mission experiments in space, with a focus on the statistical challenges and solutions.

### Session 9 - 8:00 - 9:00

**Title**: Case Studies in DOE
**Speakers**: Jolene Beltrami, Jeff Stipe, Jesus Cuellar
**Affiliations**: University of Texas at San Antonio

**Abstract**: This session will present case studies in design of experiments (DOE), with a focus on industry applications.

### Session 10 - 9:00 - 10:00

**Title**: Big Data in SPC and Applications
**Speakers**: Ross Sparks, Nicholas Ego
**Affiliations**: CSIRO Mathematics, Informatics and Statistics

**Abstract**: This session will discuss the application of statistical process control (SPC) in big data environments, with a focus on practical solutions.

### Session 11 - 9:00 - 10:00

**Title**: Partial Confounding Gives Improved Blocking for 2-Level Factorials
**Speakers**: James Lucas
**Affiliations**: J.M. Lucas and Associates

**Abstract**: This session will explore the use of partial confounding in the design of 2-level factorial experiments, with a focus on improved blocking strategies.

### Session 12 - 10:00 - 11:00

**Title**: Projection Properties of No-Confounding Designs
**Speakers**: Shilpa Madhavan Shinde, Doug Montgomery
**Affiliations**: Arizona State University, SAS Institute

**Abstract**: This session will discuss projection properties of no-confounding designs, with a focus on their application in experimental design.

### Session 13 - 11:00 - 12:00

**Title**: Designs for Six, Seven, and Eight Factors in Sixteen Runs
**Speakers**: Shilpa Madhavan Shinde, Doug Montgomery
**Affiliations**: Arizona State University, SAS Institute

**Abstract**: This session will explore the design of experiments for six, seven, and eight factors in sixteen runs, with a focus on practical approaches.

### Session 14 - 1:00 - 2:00

**Title**: Case Studies in DOE
**Speakers**: Jolene Beltrami, Jeff Stipe, Jesus Cuellar
**Affiliations**: University of Texas at San Antonio

**Abstract**: This session will present additional case studies in design of experiments (DOE), with a focus on industry applications.

### Session 15 - 2:30 - 3:30

**Title**: Statistical Issues in Continued Process Verification
**Speakers**: Willis Jensen, Rob Kasprow, Krista Witkowski
**Affiliations**: Merck & Co., Inc.

**Abstract**: This session will continue the discussion on statistical issues in continued process verification, with a focus on practical solutions.

### Session 16 - 3:30 - 4:30

**Title**: Mission Experiments
**Speakers**: Percival Spiegelhalter, David Han
**Affiliations**: NASA

**Abstract**: This session will continue the discussion on mission experiments in space, with a focus on advanced methodologies.

### Session 17 - 4:30 - 5:30

**Title**: Big Data in SPC and Applications
**Speakers**: Ross Sparks, Nicholas Ego
**Affiliations**: CSIRO Mathematics, Informatics and Statistics

**Abstract**: This session will continue the discussion on big data applications in SPC, with a focus on recent developments.

### Session 18 - 5:30 - 6:30

**Title**: Partial Confounding Gives Improved Blocking for 2-Level Factorials
**Speakers**: James Lucas
**Affiliations**: J.M. Lucas and Associates

**Abstract**: This session will continue the discussion on partial confounding in 2-level factorial experiments, with a focus on improved blocking strategies.

### Session 19 - 6:30 - 7:30

**Title**: Projection Properties of No-Confounding Designs
**Speakers**: Shilpa Madhavan Shinde, Doug Montgomery
**Affiliations**: Arizona State University, SAS Institute

**Abstract**: This session will continue the discussion on projection properties of no-confounding designs, with a focus on their application in experimental design.