



# Tucson Old Pueblo Section

Section 0707

November 2008



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## November Technical Meeting

**Date:** Tuesday, November 11, 2008

**Location:** [Gee's Garden](#) – 1145 N Alvernon Way (Alvernon/Speedway)

**Time:** 5:30 to 6:00 Registration and Networking  
6:00 to 6:50 Dinner  
6:50 to 7:00 Announcements/Break  
7:00 to 8:00 Technical Meeting

**Cost:** \$25 – With RSVP  
\$30 – No RSVP

FREE – Technical meeting

RSVP to [Tom Hanley](#) by 11/10/08, RSVP cancellations by 5pm 11/10/08

### Topic Synopsis:

**Update and release of AS9100C and the activities associated with the Software Standards updates of AS9006 to AS9115.**

### Speaker Bio:

Raymond Wright currently serves as the Chief Engineer for the Computing, Automated Manufacturing and Test Systems Quality organization, which is part of the Quality & Mission Effectiveness group at Raytheon Missile Systems in Tucson. He has over 30 years experience working aircraft and aerospace related electronic systems, 20 years experience leading hardware, software, avionics and aircraft testing and/or quality related organizations. Military and civil service duty stations include Redstone Arsenal Alabama, White Sands in New Mexico and Washington D.C.

Ray has served as the Manager for Quality Engineering over Avionics, Hardware and Software for McDonnell Douglas/Boeing for helicopter programs. His primary expertise is in Verification and Validation (V&V) of complex aircraft systems. While at McDonnell Douglas he received a number of awards including a key award for intellectual property contributions to the corporation in test and measurement. While at Raytheon, twice (2005 and 2008) he has been recognized by his peers with Engineering Technical Honors. Ray holds degrees in Electrical Engineering Technology and General Science. He also has co-published a number of current aerospace standards and has served as committee chairman and/or participant for a number of international standards development groups such as:

AE-7B Electrical Power Management, Distribution and Storage

AE-7C Electrical Systems

AS-1A Avionic Networks Subcommittee

AS-2 Embedded Computing Systems Committee

International Aerospace Quality Group (IAQG)

The 2008 Calendar of Events is posted  
on page 4.



## Chair Message

Last month's Plant Tour to Southwest Metrology was quite informative. We learned about the historical standards, processes, and the current challenges of calibration. I have often wondered, what really happens when I send my electrical/mechanical equipment out for calibration; now I have my answer.

This month's topic is a presentation of the upcoming release of AS9100C-Aerospace Quality System and AS9115-Software Standards by Raymond Wright. This overview by Ray will be quite beneficial to anyone interested in learning more about the release date, content, and ramifications of these quality management systems.

TOPS is in the process of gathering nominations for election to 2009-10 Executive Board. Upcoming position openings include; Chair, Chair-Elect, Treasurer, and Secretary. If you are interested or know anyone who might be, please inquire with anyone on the Board. Elections will be in early 2009.

November begins the holiday season. I hope you will be thankful for being gainfully employed, in good health, eating well and surrounded by family and friends. Please consider donating to the [Community Food Bank](#).

Elías Monreal  
TOPS Chair

## Volunteers Needed for the Math, Science and Technology Funfest Nov 2008

The 6th Annual Math Science and Technology Funfest (MSTFF) which is being held at the Tucson Convention Center on November 5th – 7th, 2008 from 9am – 1pm daily. The MSTFF, or Funfest is exciting, educational and FUN field trip to hundreds of southern Arizona school groups with a focus on getting students and teachers excited about a very diverse set of math and sciences. We already have more than 2000 students and teachers registered each day to attend the Funfest, and we need help to make sure everything runs smoothly!

If you would like to get involved in this fantastic event, please visit our website at [www.mathsciencefunfest.org](http://www.mathsciencefunfest.org) for more information and/or to register to help. Or you can also contact the MSTFF Planning Committee at (520) 794-5858.



# ASQ-TOPS(Tucson Old Pueblo Section) 2008-09 EDUCATIONAL OFFERINGS

## TOPS-Lean Six Sigma

- February 10, 2009 One-Hour Technical Presentation: *Why Go Beyond Lean Six and the Balanced Scorecard*.  
Presented by: Forrest W. Breyfogle III, President and CEO, Smarter Solutions, Inc.
- February 11, 2009 One-Day Seminar: *Why Go Beyond Lean Six and the Balanced Scorecard*. Receive two  
FREE quality books by Forrest

## TOPS-CQE(Certified Quality Engineer)

- T-0 12/6/2008 CQE Exam Date
- T-1 11/26/2008 OFF Thanksgiving Recess
- T-2 11/22/2008 Advanced Statistics / Statistical Application
- T-3 11/22/2008 Basic Statistics
- T-4 11/15/2008 Improvement Techniques
- T-5 11/8/2008 Control & Managing Tools

## TOPS-CMQ/OE(Manager of Quality/Organizational Excellence)

- T-0 3/7/2009 CMQ/OE Exam Date
- T-1 2/28/2009 Essay Review
- T-2 2/21/2009 Training & Development
- T-3 2/14/2009 Supply Chain Management
- T-4 2/7/2009 Customer-Focused Organizations
- T-5 1/31/2009 Quality Management Tools
- T-6 1/24/2009 Management Elements & Methods
- T-7 1/17/2009 Strategic Plan Development & Deployment [Application deadline 10/10/2008]
- T-8 1/10/2009 Leadership

## Further information go to ASQ-Website(<http://www.asq0707.org/>) or Contact Education Committee:

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## 2008 TOPS Calendar of Events

**Dec 08:** Red Bead Experiment

**Jan 08:** APICS joint meeting

**Feb 08:** Beyond Six Sigma and the  
Balanced Scorecard

Mar 08: TBD

Apr 08: SARSEF winners

May 08: Stakeholder/Management  
Involvement

### Upcoming Workshops:

- CQE Course
- CMQ/OE Course
- Feb – Lean Six Sigma Day

### Board Meetings

The board meets the first Tuesday of every month at the Clarion in Morgan's restaurant/bar. Any member is welcomed to attend.

This is a message to all division and section chairs, internet liaisons, and newsletter editors. We are asking our divisions and sections to help promote the [16th National Quality in Education Conference\(NQEC\) November 16-18, 2008](#). We know that many of you either have relationships with schools through your community service efforts or through your friends and family school affiliations. Who better knows the value of quality tools than our own member leaders and ASQ members!

### Call for Tucson/Phoenix/Nogales ASQ volunteers:

The Society for Hispanic Professional Engineers (SHPE) conference in Phoenix, Nov.12-16 is looking for volunteers. ASQ members could serve on various volunteer situations; ASQ Booth at career fair, judges, registration, or panel discussion.

If interested in volunteering during the SHPE's conference, please go to link and volunteer; <http://64.157.123.21/>

For more information, contact Alex Saint-Blancard, 2008 SHPE Conference Volunteer Chair at [alexstb@hotmail.com](mailto:alexstb@hotmail.com).

