

**January 2010**  
**Volume 1, Issue 10**

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[January Event](#)

**Professional Development Meeting**

**Wednesday, January 20th, 2010**  
**Joint ASQ – APICS Meeting**

**Employing The Methods Of Sherlock Holmes to**  
**Achieve Business Excellence**

**William Messina PHD, Author**  
**Raytheon Missile Systems**

[More on this month's speaker below](#)

**on**

In this presentation the presenter uses a Sherlock Holmes approach to solving problems that demonstrates how a Surface Mount Technology company successfully employed a process monitoring scheme to monitor their component placement equipment at a 500 PPM level. (For extra credit, see the Sherlock Holmes movie that comes out on Christmas Day).

With the adoption of programs such as Six Sigma which drive the defect levels of processes to 500 PPM or less ( in the case of Six Sigma 3.4 PPM) , it has become necessary to employ tools that provide the ability to monitor these levels of defects.

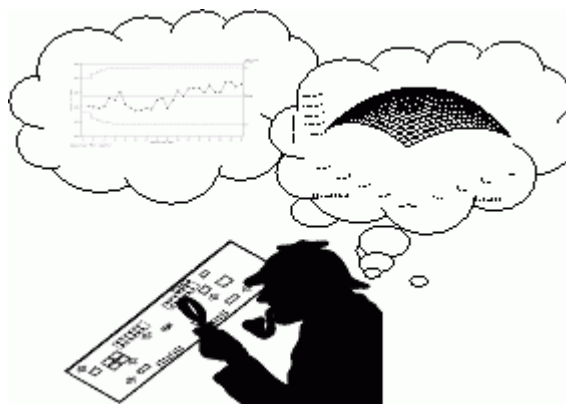
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**Students currently enrolled in the U of A, NAU, ASU and Pima may attend this PDM for \$5 (must reserve in advance).**

**Location**

**Kettle Restaurant**  
**The meeting room is the door to the left of the restaurant**  
**748 W. 22nd St. (Starr Pass Blvd)**  
**Tucson, AZ 86713**

**Schedule**

Networking - 5:30 pm  
Dinner - 6:00 pm  
Presentation - 7:00 pm

**Buffet Line**

Roast Beef, Chicken, Lasagna, Vegetables and a house salad with ice tea or soft drink

**Cost - \$12**

**RSVP [here](#)**

**by 12 p.m., Monday, January 18th, 2010.**

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## William Messina PHD



**About the Speaker:**

Bill Messina is a Principal Supplier Quality Assurance engineer at Raytheon Missile Systems where he has work for the past 6 years. He is responsible for providing statistical consulting in assessing Raytheon Suppliers. He was recently awarded a trade secret as part of a team that developed and successfully implemented the "RMS Supplier Risk Tool."

Prior to joining Raytheon, he worked for 25 years in the design and implementation of SPC programs in the following industries: Computers, Semiconductors, Surface Mount Technology and Automotive.

He holds a Ph.D. in Industrial Engineering from Arizona State University. He was a Co-Winner of the 1994 Brumbaugh Award from ASQ. He has written two books on SPC entitled "Statistical Quality Control for Manufacturing Managers" and "Statistical Process Control for Surface Mount Technology."

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## Chapter Information

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To inspire lifelong learning and enhancement of individual and chapter success.

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To be the leader and premier provider of individual and organizational education, standards of excellence, and information in Integrated Resource Management.

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