



READING X[̄]PRESS

READING SECTION 0510

JUNE 2009

JUNE 2009 MEETING ANNOUNCEMENT

Date: Monday, June 8, 2009
Registration: 5:30 P.M.
Early Bird: 6:00 P.M. [Annual Section Survey Results](#)
Dinner: 6:30 P.M.
Main Program: 7:30 P.M. [The Use of DOE Techniques for Optimizing the Wire Bonding Process](#)
Cost: \$20.00 per person
Location:

[Chef Alan's](#)
(Fairgrounds Square Mall)
Reading, PA 19605
610-685-4000

This meeting members of the International Microelectronics and Packaging Society (IMAPS) will be our guests.

Menu

Buffet which includes:

- Tossed Garden Salad
- Salad Dressings & Trimmings
- Cole Slaw
- Fresh Fruit Bowl
- Potato Salad
- Honey Glazed Roast Chicken
- Oven Baked lasagna
- New England Style Haddock
- Parslied New Red potatoes
- Vegetable du jour
- Hot Rolls & Butter
- Carrot Cake
- Coffee, Hot Tea, & Ice Tea
- Adult Beverages - cash bar

Early Bird Presentation:

Frank Yurick, Section Membership Chairman, will review the Section's Annual Survey results. Other items of importance to the section will also be discussed.

Main Program:

The Use of DOE Techniques for Optimizing the Wire Bonding Process

Abstract

Wire bonding remains the dominant chip interconnect method, with more than 90% of the chip interconnect market place. The ultrasonic weld produced by wire bonding has proven to be a highly reliable and versatile form of interconnection, and the process has continuously evolved to meet the demands of increasingly complex devices.

This presentation will focus on the process variables and the use of Designed Experiments to understand the process.

Agenda:

- Wire bonding process variables
- Testing wire bonds and response variables
- The use of Designed Experiments to understand a complex process with 4 case studies
- Experiments for high yield processes
- Analysis methods
 - DOE Analysis
 - Pareto diagrams
 - Control charts for high yield processes

Qualifications

Lee Levine is an internationally recognized semiconductor assembly process expert with over 25 years of targeted experience in technical process development and optimization. He is known for keen analytical and troubleshooting skills in the creative and effective resolution of problems in production processes. He consistently produces business results that create enhanced revenue opportunities, higher yields and trouble free operations.

Experience

Previous experience includes 20 years as Principal and Staff Metallurgical Process Engineer at Kulicke & Soffa and Distinguished Member of the Technical Staff at Agere Systems. He was awarded 4 patents, published more than 50 technical papers, and won the 1999 John A. Wagon Technical Achievement award from the International Microelectronics and Packaging Society, IMAPS. Major innovations include copper ball bonding, loop shapes for thin, small outline packages (TSOP and TSSOP, and CSPs) and introduction of DOE and statistical

techniques for understanding assembly processes. He is a Fellow, V.P of the Keystone Chapter, and V.P Technology for IMAPS.

Lee is a graduate of Lehigh University, Bethlehem, Pa where he earned a degree in Metallurgy and Materials Engineering.

Reservations: Call Cori Monighan at 610-582-2222 (Beacon Container) by Friday, June 5, 2009 to make your reservation or e-mail her at c.monighan@beaconcontainer.com. Please leave your name, meal choice, and company affiliation.

Please remember that we are a non-profit organization. Have the courtesy to cancel your reservation or you will be billed for the meal. If you must cancel, call Cori before Noon, on the day of the meeting. Your cooperation is greatly appreciated.

September 2009 Meeting Information:

Joint meeting with ASQ Lehigh, Reading APEX, and IMA. The topic will be announced at a later date.

2008-09 MEETING SCHEDULE (tentative)

<u>Month</u>	<u>Date</u>	<u>Topic</u>
September 2008	September 15	Variability:
October 2008	October 13	ISO 9001:2008 (EB)
		FMEA (RM)
November 2008	November 10	Tour of St. Joseph's Hospital (T)
December 2008	December 11	Annual Holiday Get Together
January 2009	January 12	Panel Discussion Green Business (RM)
February 2009	February 9	Nomination of Officers (EB) **
		Panel Discussion: Customer Satisfaction (RM)
March 2009	March 9	Lean Accounting (RM)
April 2009	April 13	News from ASQ National (EB)
		Utilizing Tools of Lean & Six Sigma (RM)
May 2009	May 11	Tour – Reading Eagle Newspaper (T)
June 2009	June 8	Annual Survey Results (EB)
		DOE (RM)

EB: Early Bird Meeting RM: Regular Meeting T: Tour

* Early Bird - meeting precedes regular meeting.

** Section Nominations – precedes the regular meeting

2008-09 CERTIFICATION EXAM SCHEDULE

<u>Exam</u>	<u>Application Deadline</u>	<u>Exam Date</u>
CQE/CQA/CSQE/CQIA/CCT	April 4, 2008	June 7, 2008
CRE/CQT/CMI/CQM/OE/CSSBB	August 15, 2008	October. 18, 2008
CBA/CQA-HACCP	August 15, 2008	October 18, 2008
CQE/CQA/CSQE/CQIA/CCT	October. 3, 2008	December 6, 2008
CRE/CQT/CMI/CMQ-OE/CSSBB	January 9, 2009	March 7, 2009
CQE/CQA/CSQE/CQIA/CCT	April 10, 2009	June 6, 2009
CRE/CQT/CMI/CMQ-OE/CSSBB	August 14, 2009	October 17, 2009
CBA/CQA-HACCP	August 14, 2009	October 17, 2009
CQE/CQA/CSQE/CQIA/CCT	October 9, 2009	December 5, 2009

Note: Exams will be held the date they are scheduled.

EDUCATION/TRAINING:

Please visit the Section Web Site Education/Training Page.

Also, if there are other training sessions you are interested in seeing the section conduct please contact [Dave Edling](#) at (610) 705-8638 about that as well. We are looking to measure the interest level.

Re-Certification Contact Information:

Rob Denning
Allegheny Bradford Corporation
1522 South Avenue
Lewis Run, PA 16738
(814) 362-2593
rdenning@alleghenybradford.com

Note: This is new contact information for Rob.

ASQ Membership Renewal Due?

Please check the renewal date on your ASQ membership and/or certifications. Don't let either lapse. If you have questions regarding either please contact one of the board members for assistance.


CLASSIFIEDS:

Please check the Section Web Site Classifieds often for job postings

THOUGHT FOR THE MONTH

“Every now and then go away, have a little relaxation, for when you come back to your work your judgment will be surer. Go some distance away because then the work appears smaller and more of it can be taken in at a glance and a lack of harmony and proportion is more readily seen.”

Leonardo Da Vinci (1452-1519)

	<p>DBS QUALITY MANAGEMENT INT'L 894 Carriage Way, Lansdale, PA 19446 Ph: (215) 368-6266, Fax: (215) 393-4873, E-mail: deidrdoc@aol.com ISO 9000/TS-16949/AS-9100/ISO 13485 Quality System Assessments, Development & Training Visit our Website @ www.dbsqualitymgmt.com</p> <h3 style="text-align: center;">2009 Spring Training Programs</h3>	
Dates	Course Description	Cost/Person
Take Home Review and Examination Package	ISO 9001-2008 Changes - 2 Hour Program Certificate Awarded After Completion This program is designed specifically to address the changes that resulted in the release of the ISO 9001-2008 standard without the need to attend a public off-site training session. Its design is provided in a checklist format outlining the specific changes in the ISO 9001:2008 standard along with a 20 question exam/feedback of your understanding of the changes. Your completed checklist and exam will be graded by our Certified Lead Auditor. Upon completion with a 75% passing grade will earn your certificate of training to the 2008 Standard upgrade. Prerequisite: Understanding of ISO 9001-2000	\$75
<p>Principal Instructor: Michael J. Dougherty, RABQSA/IRCA QMSLA, IAQG, CMDCAS, & AIAG Certified. ISO 9000, QS-9000, AS-9100, ISO 13485 Registrar Lead Auditor. Courses Include: Training materials & continental breakfast. Lunch is on your own. Courses run 8:30AM - 4:30PM. Please bring a copy of the appropriate Standard for reference. Location: Best Western Inn At Towamencin, 1750 Sumnerytown Pike, Kulpsville, PA 19443. Ph. (215)368-3800. At Exit #31 (Lansdale) Northeast Extension of the PA Turnpike. Left at light off ramp. Hotel on immediate right. Please reserve your overnight room early if needed. Contact Deidra to register. Phone: (215) 368-6266 Fax: (215) 393-4873 E-mail: deidrdoc@aol.com</p>		

READING SECTION - 0510

2009 SATISFACTION SURVEY

1. What is your overall satisfaction with the Reading Section, including the leadership of the section? (10 highest rating)

1 2 3 4 5 6 7 8 9 10

2. What is your overall satisfaction with the services ASQ National provides? (e.g., Quality Progress, Publications, Quality communications) (10 highest rating)

1 2 3 4 5 6 7 8 9 10

3. Rate the value (benefits vs. cost) of your ASQ Membership? (10 highest rating)

1 2 3 4 5 6 7 8 9 10

4. On a % basis (totaling 100%), identify the value of National versus the Local Section.

ASQ National _____ Local section _____

5. How satisfied are you with the monthly presentations provided over the last year? (10 highest rating)

1 2 3 4 5 6 7 8 9 10

6. How satisfied are you with the plant tours that were provided over the last year? (10 highest rating)

1 2 3 4 5 6 7 8 9 10

7. Please rate the Section Newsletter in providing effective communications? (10 highest rating)

1 2 3 4 5 6 7 8 9 10

8. Which of the following courses would you be interested in taking over the next year?

CQA CQE CQ MGR Six Sigma CRE CQT
 CMI CSQE CCT HAACP Other _____

9. Section membership provides you the most value in which of the following two areas:

ASQ Certification Points Educational Offerings _____
 Meeting Presentations Networking _____
 Plant Tours Peer Discussions

10. Would you attend a Section 1 day annual quality conference? YES NO

11. Years ASQ Member 0-1 2-4 5-10 11-20 20+

12. How many meetings have you attended the last 12 months? _____

13. Suggestions for monthly presentations or plant tours? _____

14. Suggestions for Early Bird Topics _____

15. Recommendations for Improvement and Comments

16. Would you be interested in giving a Presentation, Early Bird Presentation, or Plant Tour YES NO
If interested, please give your name below. If you know the topic at this time, please identify

Name _____ Date _____
(Preferred, but Optional)

Complete the survey and bring it along to the next meeting or FAX to Frank Yurich @ 610-385-4876.

INTRODUCTION TO LEAN ENTERPRISE 1 DAY WORKSHOP

American Society for Quality
Lehigh Valley Section (500)

Date: Friday May 29, 2009
8:30 A.M. – 4:30 P.M. (Lunch and Refreshments included)
Rodeway Inn and Conference Center
Routes 22 & 309
Allentown, PA

Introduction to Lean Enterprise

This course is one of the quality education and training courses given by the Lehigh Valley Section of the American Society for Quality.

Course Topics and Organization:

The following topics will be covered in the workshop:

- 8 Wastes of Lean
- Value Added vs. Non-Value Add Activities
- Value Stream Mapping
- 5S Workplace Organization
- Kaizen
- Pull Systems
- Visual Factory
- Standard Work
- Takt Time
- Cellular Flow

INTRODUCTION TO LEAN ENTERPRISE WORKSHOP

Phone (570) 646-6835

E-mail: waynepaupst@gmail.com

REGISTRATION DEADLINE – TUESDAY MAY 26, 2009

THE INSTRUCTOR: Wayne Paupst: Wayne is Vice President of BES Consulting which provides training and consulting for quality and productivity improvement. Wayne has over 25 years in the quality profession holding positions as Quality Engineer, Quality Systems Coordinator, Inspector and Quality Assurance Manager. Wayne has been instructing Certification Courses for the Lehigh Valley Section since 1996 and also has provided instructional courses for many of the top companies in the Lehigh Valley as well. Wayne holds ASQ Certifications as a Six Sigma Black Belt, Quality Engineer, Quality Manager Quality Auditor, Quality Technician, Quality Inspector, Process Analyst and Quality Improvement Associate. Wayne is a Senior Member of ASQ and is the current Chair of the Lean Enterprise Division of ASQ.

Lehigh Valley ASQ's charge for the workshop, which includes all course materials, lunch, continental breakfast and refreshments, is \$200.00 for ASQ members (\$250.00 for nonmembers).

INTRODUCTION TO LEAN ENTERPRISE WORKSHOP
Registration Form

Friday May 29, 2009
8:30 A.M. – 4:30 P.M.

Rodeway Inn and Conference Center
Routes 22 and 309
Allentown, PA

Name: _____
Title: _____
Company: _____
Address: _____

City: _____
State Zip _____
Phone _____
Fax: _____
e-Mail: _____
My (Home) _____ (Work) _____
Information is listed _____
Charge to Credit Card _____

Amount: (____) x \$200.00 / (\$250.00 non-member)
Type of Card: Am Ex [] Visa [] Mast Cd []
Card Number: _____
Expiration Date: MM/YY: _____

Or make check payable to: Lehigh Valley ASQ

Send to:

Wayne Paupst
HC3 Box 3181
Albrightsville, PA 18210
Phone (570) 646-6835
E-mail: waynepaupst@gmail.com

Please sign : _____
Member Number: _____

2008 – 2009 OFFICERS

Chairperson	Holly Thompson	(717) 336-8670
Vice-Chairperson	Darwin Evangelista	(610) 562-6673
Secretary/Historian	Dave Scherr	(610) 385-6061
Treasurer	Natalie Redd	(610) 670-3873
Membership Chairperson	Frank Yurich	(610) 777-2695
Certification/Examining	Joe Pascuzzi	(610) 921-2481
Recertification Chairperson	Rob Denning	(814) 362-2593
Education Chairperson	Dave Edling	(610) 705-8638
Auditing/Programs	Darwin Evangelista	(610) 562-6673
Newsletter/Webmaster	Timothy J. Brady	(610) 562-6679
Arrangements/Nominations	Ken Lazurick	(610) 682-3150
SMP/RACE Chairperson	Marcia Murphy	(717) 336-8665
Reservations	Cori Monighan	(610) 582-2222

Taking a break ...

This is the final Newsletter and Monthly Meeting for the 2008-09 ASQ year. The next newsletter will be sent in August. The next meeting will be September 14, 2009.



Until that time, have a safe and enjoyable summer...