



Atlanta Chapter NEWS



NEWSLETTER OF THE ATLANTA CHAPTER
OF THE **SURFACE MOUNT TECHNOLOGY ASSOCIATION**

www.altantasmta.com/index

SEPT 2010 ISSUE

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October 24-28, 2010
SMTA International Conference
Orlando, Florida

Atlanta Chapter-SMTA

Next Monthly Meeting
September 23, 2010 (Thur)
(See announcement below)

Atlanta SMTA 15th Annual EXPO
Gwinnett Civic Center
(More details available soon)



**SMTA International Electronics
Exhibition 2010,
Orlando, FL.**

Technical Conference: October 24-28

Exhibition: October 26-27

**Exhibition Hours:
Tuesday, October 26: 9am-5pm
Wednesday, October 27: 9am-5pm**

NEW for 2010! SMTAI has new tools to help drive traffic to the exhibit hall and connect conference attendees to your booth. There are many new activities taking place to enhance the exhibition this year

Questions? Contact Leslee Johns at leslee@smta.org or call 952 920 7682

ATLANTA CHAPTER-SMTA
NEXT MEETING WILL BE HELD AT
VISCOM
1775 BRECKINRIDGE PKY, #500
DULUTH, GA 30096
SEPTEMBER 23, 2010 (THURSDAY)

September 23rd, 2010 Speaker:

Joe Renda
OEM Marketing Manager
Enthone



Biography:

During the past twenty six years Joe has held various positions in the electronics manufacturing industry. Joe began his career at Motorola and has spent most of his time in the contract manufacturing sector.

The most recent EMS based position was as the General Manager for a Solectron site in Boston, MA. Joe has been with Cookson Electronics for the past fifteen years and he is currently the OEM Marketing Manager for the Enthone PWB Group.

Mr. Renda has a BS in Electrical Engineering from Northeastern University. He is an active member of the SMTA.

Presentation Title:

A Review of Surface Finishes and Related Challenges.

A brief review of the current and future surface finishes will be covered as well as a discussion of some of the industry challenges that relate directly to surface finishes.

If you are interested in PCB Surface Finish and how it affects SMT assembly, then you should attend:

Register: <http://www.atlantasmta.com/meeting/meetreg.html>

What is the ideal surface finish that will provide lead-free compatibility, low cost, ease of rework and high yields? Is there such a thing as the “universal finish?” There are so many requirements for the ideal finish. As it stands today, no one finish meets all the desired characteristics. But there are many alternatives available today. Each has its own strengths and limitations. There are so many options for the designer, fabricator and EMS provider to choose from. How to choose the optimum finish is the challenge.

What is the ideal PCB surface finish? Is ENIG better for BGAs than immersion silver? But doesn't ENIG have an issue with the black pad phenomena? Doesn't immersion silver have corrosion issues? Which finish works best for lead-free soldering? More questions than answers arise when discussing the topic of PCB surface finishes.

Dinner Prices:

Members \$ 20.00 Non Members \$25.00 If Between Jobs \$ 0.00

Schedule:

4:30 - 5:00 Registration

5:00 - 5:45 Dinner

5:45 - 6:00 Chapter Updates

6:00 - 7:00 Presentation

If you have any questions please visit our web site www.atlantasmta.com

Register for the meeting by clicking on the link below;

RSVP at the following address:

<http://www.atlantasmta.com/meeting/meetreg.html>

We look forward to seeing you there!!!

Carino's Italian Restaurant will be catering our dinner during the first Atlanta Chapter meeting this season!

**Spaghetti w/ Meat Sauce
Chicken Alfredo
Salad
Bread
Sweet Tea
Un-Sweet Tea
Lemonade
Water
Desert: Italian Chocolate Cake**

MEET GARY BECKSTEDT:

Before the end of 2010, Gary will be assuming the role as the Secretary for the SMTA Atlanta-Chapter. This is the position I have held for the past two years. He is a Quality Engineer with World Micro and has agreed to apply his considerable skills at being the main focal point for our chapter's information and communications.

Gary began his career in electronics in 1984 by helping his father with a fledgling computer repair company building and fixing Intel based desktop machines. In 1989 he joined the Air Force where he trained as a RADAR technician, performing maintenance and repair on both analog and digital systems.

Departing the Air Force Gary spent a few years as a Service Manager for an office machine company in Marietta. Seizing an opportunity to get back into the electronics world, he went to work in the engineering lab of Atlanta Signal Processors (ASPI) as a technician. This experience gave him the opportunity to develop fine pitch soldering skills and microscopic inspection techniques.

This experience led him to SeaChange International in 1998 where he was hired to oversee production of their multimillion dollar Audio-Video encoder board systems. Within 2 years he was promoted to Engineering Manager, increasing his responsibilities to include repair and shipment.

The collapse of the markets in 2001 left Gary unemployed. He has most recently joined World Micro. He is currently developing the skills and knowledge needed to support the World Micro's Quality mission, as well as becoming an authority in electronic counterfeit detection and mitigation.

Please take the opportunity to met Gary at the next Atlanta Chapter meeting.

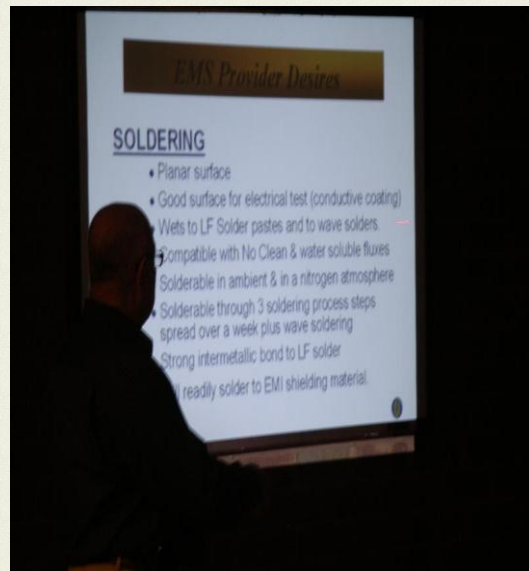
THE MAY, 2010 ATLANTA CHAPTER MEETING
WAS HELD AT WORLD MICRO

OUR GUEST SPEAKER FOR THE EVENING WAS
GEORGE MILAD

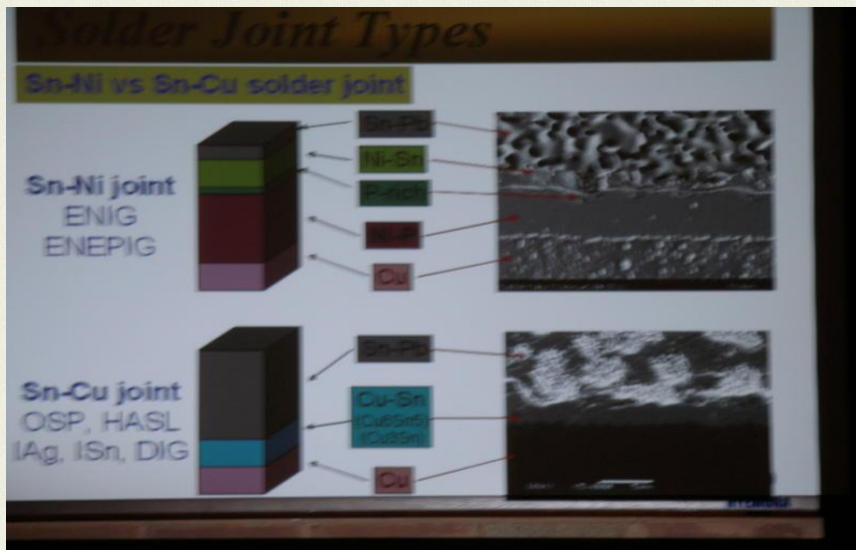
Technical Presentation in Brief:
ENEPIG Ni/Pd/Gold Finish: *"The Time Has Come"*
George Milad, Uyemura International Corp



THE WORLD MICRO
TRAINING FACILITY



Dr. MILAD's PRESENTATION



MORE PRESENTATION MATERIAL



**TODD BALLEW, WORLD MICRO SALES VP
PROVIDING A FACILITY TOUR**

The Atlanta Chapter of the SMTA wishes to thank Dr. George Milad for his time and expertise during his presentation at our previous meeting. And thanks also to World Micro for the use of their facility for our meeting.