



Atlanta Chapter NEWS



NEWSLETTER OF THE ATLANTA CHAPTER
OF THE SURFACE MOUNT TECHNOLOGY ASSOCIATION

SUMMER 2008

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= Inside This Issue =

Page Feature

- 1. From the Editor
- 1. Capital-Area Chapter to be Honored at SMTAI
- 2. Become a Member

=FROM THE MOTHERSHIP=

- 3. SMTAI Update
- 3. August Webinar **[new!]**
- 3. Book-of-the-Month

=AROUND ATLANTA=

- 4. Energy Efficiency & Sustainability Symposium 2008
- 5. Remote 2008 Conference & Expo
- 5. Partnership Gwinnett
- 6. Micromeritics: Major Move

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From The Editor

Welcome to this Summer Edition of the **Atlanta Chapter News**.

Summertime is a quiet time for the Atlanta Chapter: Our annual Expo is behind us, and we've learned over the years that the vacation season makes the scheduling of Summer chapter meetings best-saved for Fall.

But that doesn't mean there aren't industry events and news to report.

From within the SMTA at-large, as well as relating industry happenings in & around the metro-Atlanta area, we've got a collection of updates and new items to share with you in this Summer Edition of our newsletter.

I hope you'll enjoy it.

On behalf of your Atlanta Chapter Board of Directors I also hope to see you at SMTAI, and wish you a Safe & Fun Summer of 2008.

Bob Lazzara
Editor

Atlanta Chapter to be Honored at 2008 SMTAI

To our surprise and delight, SMTA National has bestowed upon the Atlanta Chapter the distinction **Superior Newsletter 08**. I've received a number of congratulatory eMails and calls, and I appreciate them all, but let me take a moment to sincerely thank all of the Atlanta officers and active members for a reliable and steady flow of Chapter news and information. Those contributions are what make this newsletter possible.

Here's the official word directly from Sara and Gayle:

From: Sara McCabe
To: Atlanta Chapter Board of Directors
Sent: Wednesday, July 23, 2008 10:16 AM
Subject: Congratulations

Dear Atlanta Chapter Officers,

I was just writing to let you know that you have received an award this year for Superior Newsletter 08! Thank you all so much for everything you do, we look forward to honoring you at SMTAI in August! You have been a great chapter, always on top of things, and we appreciate having each of you with us. Have a wonderful week, and we will see you soon!

Thank you,

Gayle & Sara



Support the Atlanta Chapter: Become a Member

The SMTA is committed to the success of its members in all aspects of electronics assembly technologies and related business operations.



By participating in Association activities you will stay up-to-date on industry news, learn from world-renowned speakers and instructors, develop valuable industry contacts, and have access to resources available nowhere else. A network of local chapters and affiliate organizations around the globe provides a unique opportunity for industry professionals to meet with one another regionally, nationally, and internationally.



Already a member? Invite a colleague to a meeting.

Furthermore, leadership roles are available in association activities, including elected offices, special projects and committees, and technical presentations.



www.AtlantaSMTA.com

www.smta.org/membership/membership.cfm

As a member, the benefits you will enjoy include:

- ❑ Member rates on education programs, including the annual SMTA International and Pan Pacific conferences and the International Wafer Level Packaging Conference (IWLPC), courses and tutorials, workshops and symposiums, local chapter events, and on-line presentations.
- ❑ Access to free PDF downloads of full-length technical articles in the Knowledge Base, which is a searchable library consisting of thousands of articles. Downloads are available to non-members for \$10USD per article.
- ❑ The quarterly published SMTA News & Journal of SMT, which features a summary of association activities followed by 4-5 outstanding technical articles that are reviewed by a technical committee.
- ❑ On-line access to and real-time listing in the Member Directory where corporate info is available to all visitors, but where individual member holders' contact info is available only to other members.
- ❑ A dedicated listing in the Member Directory for members who are consultants.
- ❑ Member rates in the SMTA Bookstore, an exclusive list of titles that are reviewed and approved by industry professionals. Additionally, there are no shipping or handling charges for standard ground service within the U.S. and Canada.
- ❑ Job posting of Positions Wanted (individuals seeking) or Positions Available (companies hiring) for up to six months out of a twelve-month dues period.
- ❑ Member News listing for individuals who have changed jobs, received new appointments or promotions, or made other distinguishing achievements.
- ❑ Voting privileges in chapter officer elections, on chapter business issues, and in Board of Director elections (not associate members).

Corporate members enjoy all the benefits above plus the following:

- ❑ Member rates on event registrations for all employees (site specific).
- ❑ Member rates in the bookstore for all employees (site specific).
- ❑ Member Directory listing on-line accessible to all visitors with company info, Web site link, and free logo placement.
- ❑ Free advertising in the member directory for corporate members
- ❑ Press release posting about corporate members in the SMTA Industry News on-line.
- ❑ Quarterly listing in the printed SMTAnews & Journal of SMT.
- ❑ Discounts on exhibit booth space at SMTA International.
- ❑ Free SMTA International Technical Conference Pass for corporate members exhibiting at SMTAI.
- ❑ Booth discounts at local vendor shows.
- ❑ Free two-time use per year of the entire SMTA membership list in printed mailing label format (available upon request).
- ❑ Free CD-ROM of the proceedings from the SMTA International conference (annually), an invaluable reference and technical source.
- ❑ An attractive wall plaque commemorating your support of the Association and its mission.

SMTA International 2008

SMTAI 2008!
Come. Focus.



Don't be left on the waiting list for our 2008 show! Join your colleagues who are already planning to exhibit at the industry's best technical conference on electronics assembly and advanced packaging.

To register, please download and complete the Application to Exhibit at: www.smta.org/smtai/exhibitor_info.cfm
Please view the floor plan and indicate your first three booth choices on your application.

Contact Leslee Johns at leslee@smta.org at 952-920-7682 or Gayle Jackson gayle@smta.org at 540-639-0439 with questions or for more information.



If you are interested in attending this Webinar please contact Ryan Flaherty, Director of Communications at the SMTA. ryan@smta.org 952-920-7682. Or visit the [Online Presentations](http://www.smta.org) page at www.smta.org for more details and to register on-line.



Lead-Free Rework: Are you where you need to be? New Webinar by Doug Peck, AEIC

Tuesday, August 26th, 2008

Our industry is adapting to many new process requirements imposed by lead-free rework. This webinar is intended to bring the participant up to date on this transition, its challenges and successes.



Topics we will be reviewing include:

- Discussion of lead-free solder alternatives and how they compare.
- Sources of lead contamination in the production environment.
- Lead-free-related soldering anomalies.
- New manufacturer and user standards and moisture sensitivity issues.
- Production alternatives in making the lead-free transition.
- Lead-free hand and BGA soldering
- Lead-free inspection requirements



Green Electronics Design and Manufacturing

Don't wait for the movie!
Get it from our Bookstore **NOW!**
http://www.smta.org/store/book_store.cfm

Book-Of-The-Month

Title: Green Electronics Design and Manufacturing

Author: Sammy G. Shina

Non-Member Price: \$109.95

Member Price: \$99.95 (Instant Discount! No Rebate form!)

This state-of-the-art resource brings together contributions by a team of experts from the total electronics supply chain who show how to master the strategy, design, test and implementation issues of meeting global environmental regulations.



AROUND ATLANTA



Energy Efficiency & Sustainability Symposium 2008

This conference will be held **November 5-6** at the Atlanta Marriott Marquis Hotel, Atlanta, Ga.

Energy Efficiency and Sustainability Symposium 2008 will feature:

- Successful Implementations
- Technology Advancements
- New Products and Services
- Market and Opportunity Trends
- Effective Sustainability Programs

Who Needs to Attend:

- Sustainability managers and developers
- Operators of renewable and alternative energy systems and programs
- Managers of energy efficiency and green programs

Benefits of Attending:

- Discuss your specific system needs with technology experts
- Find out the latest market and technology and opportunity trends worldwide
- Optimize your ROI on green products

Energy Efficiency and Sustainability Symposium 2008 is a conference highlighting the latest technologies and applications of green and energy efficient products and services. The presentations will be particularly orientated toward industrial, manufacturing and facilities operations. The symposium will be held November 5-6 in Atlanta, Ga. This first annual event will feature presentations on corporate sustainability, renewable energy, energy efficiency, green building materials and financing, as well as the latest market trends, best practices, case studies and opportunities for "greentech" implementations.

The conference is designed for sustainability managers, operators of renewable and alternative energy systems and programs, managers of energy efficiency and green programs for product development.

If you are involved in a sustainability program, this is a must attend event.

The conference will be held November 5-6 at the Atlanta Marriott Marquis Hotel, Atlanta, Ga. Use the symposium to learn about the latest services and technologies available, and network with peers, professionals and potential business partners involved in technology solutions serving a variety of applications.

Energy Efficiency and Sustainability Symposium 2008 will be co-located with Remote 2008, and will share a combined exhibit hall. Remote 2008 Conference and Expo focuses on the leading advancements for the monitoring and management of distributed equipment and facilities, remote assets, automated process & system controls and device networks. Large-scale users and industry experts will speak on SCADA, security (cyber and physical), control, automation, onsite and back-up power, M2M, networking, emerging wireless technology, telemetry and condition monitoring.

Interested in taking an active role in Energy Efficiency and Sustainability Symposium 2008?

The conference committee is currently accepting abstracts for presentations. Please visit the Call for Presentations page for details on submitting an abstract or contact Shannon Given, program manager, at shannong@infowebcom.com.

Become an exhibitor or sponsor at Energy Efficiency and Sustainability Symposium 2008. There are packages available to fit every budget. Please visit the Sponsor & Exhibitor page for details or contact Jessi Carter at jessic@infowebcom.com.

AROUND ATLANTA

The seventh annual conference and expo will be held **November 5-6, 2008** at the Atlanta Marriott Marquis Hotel, Atlanta, GA.

The seventh annual conference and expo will be held November 5-6, 2008 at the Atlanta Marriott Marquis Hotel, Atlanta, GA. This technology-driven and solution oriented event brings together the innovators and users from multiple industries, including utilities, power, oil & gas, telecom, industrial, water & public utilities, agriculture and facilities management.

The event is designed to attract and serve key decision makers from organizations throughout North America. It offers an excellent venue for promoting your company, its products and services, and for networking with key decision makers representing valuable business partners and customers for your company.



Governor Sonny Purdue, Georgia Commissioner of Economic Development Ken Stewart, Suniva Inc. CEO John Baumstark, and Gwinnett Commission Chairman Charles Bannister in attendance at the June announcement ceremony. (Gwinnett Chamber *Focus*, July 2008)



Remote 2008 Conference & Expo - SCADA, Device Networking, M2M, Wireless Technology, Onsite Power and Security for Remote Sites.

Remote 2008 Conference and Expo will focus on the leading advancements for the monitoring and management of distributed equipment and facilities, remote assets, automated process & system controls and device networks. Large-scale users and industry experts will speak on SCADA, security (cyber and physical), control, automation, onsite and back-up power, M2M, networking, emerging wireless technology, telemetry and condition monitoring. (New for 2008: A session track dedicated specifically to security as it relates to remote sites and equipment!)

This year's event will offer managers of distributed equipment and remote facilities the most informative conference on these mission critical technologies. Over 50 technical speaker presentations will provide focused sessions the latest technologies and market trends, multiple case applications from users in many industries and integrators, and how-to sessions for the engineers and managers of remote sites. This year attendees will receive certificates of attendance and can earn continuing education credits through some sessions and pre-event workshops.

The two-day international conference will serve equipment and facility managers, communications system operators, designers, developers and integrators interested in learning the latest capabilities and best practices in these rapidly advancing fields. This will provide an opportunity to network with peers, professionals and potential business partners involved in technology solutions serving a variety of applications. See the latest products, services and systems available and discover what's coming next.

To sponsor this value-packed event, there are several options available, one or more of which is sure to fit your company's promotional goals and budget. For more information, call 800-803-9488 x114 or email scottn@infowebcom.com.

Partnership Gwinnett Scores in Economic Development

When looking for a place to relocate, Suniva, Inc., focused on several regional locations. But only one had the initiative, the infrastructure and the community-wide support to answer the call readily, thoroughly and with the much desired enthusiasm and welcome that the company was looking for in a business community. "The bold leadership of Partnership Gwinnett continues to create serious economic prosperity for the community," said Jim Modak, CFO for Suniva, Inc., at the Gwinnett Technology Council meeting in June. "From the City of Norcross to the Chamber of Commerce and the County government, Gwinnett demonstrated its unified commitment to economic development and the technology industry. And that is why Suniva is here today."

Suniva Inc., a leading developer and manufacturer of high-efficiency solar cells, announced the move of its facilities and business to Gwinnett County, Ga at the State Capitol on Thursday, June 5th.

...continued

AROUND ATLANTA

"The relocation and expansion of this home-grown, leading solar technology company to Gwinnett is bringing nearly 100 high-wage jobs and \$75 million in capital investment to the community..."

* Excerpt from *Focus*, July 2008.
For the complete story go to:

http://www.gwinnettchamber.org/fileadmin/files/PDFs/publications/focus/focus_07-08.pdf



Due to strong growth...
Micromeritics has moved its U.S. corporate headquarters to a recently purchased 140,000 square foot Norcross, GA facility that provides the company with expanded manufacturing and customer service capability.

**micromeritics**
The Science and Technology of Small Particles™

Partnership Gwinnett Scores in Economic Development

continued...

The relocation and expansion of this home-grown, leading solar technology company to Gwinnett is bringing nearly 100 high-wage jobs and \$75 million in capital investment to the community in its first year. Gwinnett's recently developed business incentive programs played an influential role in Suniva's choice for relocation to Gwinnett. The company's real property taxes will be phased in over a period of ten years, and its personal property tax, between five and fifteen years.

Suniva got its start within the great state of Georgia and evolved from the work of Professor Ajeet Rohatgi of the Georgia Institute of Technology's University Center of Excellence in Photovoltaics (UCEP), the nation's premier silicon PV research center. From there, it has expanded and grown through the Institute's Advanced Technology Development Center (ATDC). The company develops, manufactures and markets its ARTisun series high-efficiency silicon photovoltaic (PV) cells for clean, earth-friendly power generation and is dedicated to driving down the cost of solar generated power. ...*

Micromeritics Improves its Ability to Service Customers with the Move of its U.S. Headquarters to a New Facility

Norcross, GA - 7/17/2008 -- By manufacturing highly reliable instruments and providing superior after-sales support, Micromeritics has experienced continuous growth throughout its history. As a result, the company has outgrown its U.S. corporate headquarters and manufacturing facility and relocated to a recently purchased, 140,000 square foot facility, also located in Norcross, GA. All corporate functions in the new facility are up and running and fully operational. The company address and all telephone numbers remain the same.

The new building has doubled Micromeritics' available floor space and improved the company's ability to respond to its customers' needs. The machine shop now covers 18,000 square feet, and manufacturing has been modernized and expanded to approximately 24,000 square feet. New equipment includes a surface mount machine providing manufacturing with full control over its circuit board production. Additional new equipment will be purchased to meet volume demand. The applications development laboratory and Micromeritics Analytical Services (MAS) have both doubled in size to meet ever growing demands. The instrument service support department will increase not only in floor space, but in personnel to respond more efficiently to installation, maintenance, and repair requirements. Micromeritics' training center and conference facilities have been enlarged and modernized to provide an improved experience for visiting customers.

The new facility allows Micromeritics the ability to continue to expand its customer service capability on many different levels. The company is dedicated to continuing the development of state-of-the-art particle characterization instruments and providing superior service far into the future.

Reprinted from: http://www.micromeritics.com/news/press_release.aspx?id=149
