SMTA Atlanta Chapter Meeting March 10, 2016

Mike Bixenman, DBA
Chief Technology Officer
Kyzen

Thursday, March 10, 2016 4:30-7:00 p.m.

Prime Technological Services
2925 Shawnee Industrial Way
Suwanee, GA 30024

To RSVP go to:
http://www.smta.org/chapters/rsvp.cfm?BEE_ID=3840

Atlanta
20th Annual SMTA Expo

Wednesday April 20, 2016
Location: Infinite Energy Center
(formerly Gwinnett Civic Center)
6400 Sugarloaf Parkway
Duluth, GA 30097

Plan now to join us for free technical sessions, free lunch and the chance to network with leading suppliers to our industry!

(free but you must register in advance)

To get details and register go to:
http://smta.org/expos/#atlanta
Guest Speaker

Milton Davis

Milton Davis is a research and development and technical service chemist at Chemtronics. He has over thirty years’ experience as a chemist specializing in coatings, with 15 of those years working in the PCB industry with Chemtronics.

Milton spoke on Conformal Coating; purpose, application, coating types. The important of cleaning PCB’s before coating—even “no-clean” flux. Also covering the in-depth coating selection process.

The inaugural CALCE-SMTA LED A.R.T. Symposium in Atlanta, Georgia was two days of packed technical presentations on LED Assembly, Failure Mechanisms, Packaging, Applications, Reliability, Testing and Cleaning.

Workshop on LED Failure Mechanisms, Reliability and Qualification covered the latest in failure mechanisms of LEDs and how the industry is NOT using the knowledge on failure mechanisms in reliability assessment and qualification.

Seventy attendees, 16 exhibiting companies and 18 technical presentations representing nine countries and 26 states participated in this inaugural event.

The symposium concluded with a tour at Georgia Tech Institute for Electronics and Nanotechnology and its laboratories followed by a tour of the Packaging Research Center.
Professor Rao R. Tummala spoke on:
- System Scaling is a New Strategic Frontier
- Fundamentals of System Scaling Benefits all Systems
- Ultra-thin & Large Panel Glass Seems Best as System Scaling Platform
- Panel Glass Superior over SI and Organic Interposers
- GT and Industry Partners Demonstrated Panel Glass
- Panel Glass can be Chip-first or Chip-last Platform
- System Scaling Leads to 3D System Package Architecture

GA Tech Professor Suresh K. Sitaraman: Spoke on Surface Mount Components Reliability and Wearable continuous monitoring system with vital sign and bio-fluidic Sensor.

Tim Jensen, Senior Product Manager at Indium Corporation spoke on Soldering and Assembly Challenges: Miniaturized Electronics.

Kennesaw State University (KSU) and Georgia Institute of Technology (GT) Engineering Students and Professor Suresh K. Sitaraman Ph.D.
Chapter Calendar of Events

<table>
<thead>
<tr>
<th>Date / Time</th>
<th>Event</th>
<th>Location</th>
<th>Phone</th>
<th>Contact/Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 10, 2016</td>
<td>Atlanta Chapter Meeting</td>
<td>Prime Technological Services</td>
<td>770-597-4829</td>
<td>Douglas Philbrick <a href="mailto:dphilbrick@itechserv.com">dphilbrick@itechserv.com</a></td>
</tr>
<tr>
<td>April 20, 2016</td>
<td>SMTA Atlanta Expo - 2016</td>
<td>Infinite Energy Center (Formerly Gwinnett Center)</td>
<td>952-920-7682</td>
<td>Emily Stuckmayer <a href="mailto:Emily@smta.org">Emily@smta.org</a></td>
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<td>June 9, 2016</td>
<td>Atlanta Chapter Meeting</td>
<td>TBD</td>
<td>770-597-4829</td>
<td>Douglas Philbrick <a href="mailto:dphilbrick@itechserv.com">dphilbrick@itechserv.com</a></td>
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<td>September 8, 2016</td>
<td>Atlanta Chapter Meeting</td>
<td>TBD</td>
<td>770-597-4829</td>
<td>Douglas Philbrick <a href="mailto:dphilbrick@itechserv.com">dphilbrick@itechserv.com</a></td>
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<tr>
<td>November 10, 2016</td>
<td>Atlanta Chapter Meeting</td>
<td>TBD</td>
<td>770-597-4829</td>
<td>Douglas Philbrick <a href="mailto:dphilbrick@itechserv.com">dphilbrick@itechserv.com</a></td>
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SMTA Atlanta Officers

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Interested in being an officer or on a committee for the Atlanta chapter? Contact... Scott Hargrove scott@teamspectrum.com or Doug Philbrick dphilbrick@worldemp.com

If you want to contribute to the newsletter or comment on it, contact... Orlando Parker parker_orlando@yahoo.com

About SMTA Membership
The Surface Mount Technology Association (SMTA), established in 1984, is a non-profit international association of companies and individuals involved in all aspects of the electronics industry. The Association is dedicated to the advancement of the electronics industry through member education and interaction.
The SMTA is privileged to have a membership that is willing to help one another and that contributes to its pool of knowledge. Its members actively seek out the latest in education and techniques, and they work energetically to advance the industry. Members range from students who are newcomers to the industry to long-time professionals who are widely recognized as industry leaders. A characteristic high level of dedication and energy has created an atmosphere of accelerated growth and environment rich in opportunity.

Mission of the SMTA
The SMTA membership is an international network of professionals who build skills, share practical experience and develop solutions in electronic assembly technologies, including microsystems, emerging technologies, and related business operations.

Membership Dues
Participating: $50 - If your company (same location/division) holds a Corporate Membership its employees are eligible to receive the full range of benefits at a discounted price.
Individual: $75 - This membership is designed for individuals who wish to join SMTA to receive all the benefits independent of a Corporate Membership.
Corporate: $450 - A corporate membership in SMTA provides discounts to employees located in the same location/division where the Corporate Membership is held. Student/Retiree: $5 - The Student/Retiree Membership is available to all fulltime post-secondary students and retirees at a discounted rate.

How to Join
On-line at www.smta.org by contacting SMTA Headquarters (952) 920-7682.

Subscribe or Unsubscribe
If you would like to receive the SMTA Atlanta Chapter newsletter by e-mail, send an email to Doug Philbrick dphilbrick@worldemp.com with “opt-in” in the subject line.