DON’T FORGET!!!

Dallas Expo & Tech Forum
Tuesday March 24, 2015
Location: Plano Center
2000 E. Spring Creek Pkwy
Plano, TX 75074

Chapter Calendar 2015:
March - Board meeting on the 13th
March - EXPO on the 24th
April - Chapter meeting on the 24th
May - Chapter meeting on the 22nd
June - Chapter meeting on the 12th
July - Open
August - Board meeting on the 14th
September - Chapter meeting on the 11th
October - Board meeting on the 9th
November - Board meeting on the 13th
November - Chapter meeting on the 13th
December - Members Party on the 4th

Upcoming Chapter meetings

Technical Speakers:
Chuck Bauer, of Tech Lead Corporation speaking on “Embedded Actives and Passives" at our May 22, Chapter meeting.

COMING IN APRIL !!!
DALLAS CHAPTER IS PROUD TO PRESENT…..
Friday April 24, 2015
“Advanced Packaging and its challenges”

APRIL MEETING LOCATION
Double Tree Hotel
4099 Valley View Ln, Dallas TX
Off I-635 at Midway. To avoid traveling on I-635, there is easy access from Midway Road via Spring Valley Rd from US 75. You can also avoid 635 by taking Valley View Ln from I-35.

11:00 am (doors open for networking) Lunch buffet with multiple entrees, salad and dessert.
To attend, we ask that you RSVP reply by COB April 22 to this e-mail GTanel@qcg.com

Agenda
11:00-11:30 check-in
11:30 Lunch
11:45 Meeting begins

Welcome & Introductions
Upcoming Current Electronic Manufacturing events

JOBS looking for people, bring your job postings
(See Riki Brown)

People looking for jobs; bring your contact information (See Riki Brown)

Membership & Program Report

Speaker:

2:00 pm Adjourn

Pricing: (CREDIT CARDS ARE NOW ACCEPTED)
$15 cash/check/charge for:
Members
Corporate member sponsors: Free

$20 cash/check/charge for:
Guests/visitors/ non-members
Presidents Message

Greetings to SMTA Dallas Chapter members and guests.

We are blessed with great volunteers and we have a very strong chapter. The number of corporate members here is outstanding. I encourage all the corporate members to get the word out in your organizations about the EXPO, as it a valuable local technology event that costs your company nothing. Give your employee access to the tools they need to get things done better and faster. This is put together to benefit businesses in the DFW area. Take advantage of it.

New Members for February & March. 2015
A big Texas welcome to our newest members for 2015 We now have 130 members.

Global Members: 6
Individual Members: 64
Corp Members: 33
Participating Members: 19
Associate Members: 8

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<tr>
<th>First Name</th>
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Dallas Expo & Tech Forum

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2000 E. Spring Creek Pkwy
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Free Technical Program & Schedule:
7:30AM Registration opens

8:00AM – 9:00AM
Lean Six Sigma White Belt Training
Albert Clary, The SixSigma Way

Businesses today face mounting pressures to solve resource issues, control costs, and better manage information. Finding ways to actually enable efficiency and productivity remains a challenge for many companies. Top companies with successful track records of significant continuous improvement have discovered one possible solution called Lean Six Sigma methodology. Lean Six Sigma, (LSS) is a relatively unknown approach to most companies. It can do more than simply improve processes, but also assist you in achieving unprecedented operational excellence. When deployed throughout the organization as “the method to do business”, it can help leaders discover a range of opportunities far beyond operations. This would include enhanced financial performance, increased customer satisfaction, improved branding and an organization that has an inherent desire to grow and innovate. During the white belt class you will learn what lean is, what six sigma is, and some of the tools of the DMAIC methodology. Examples of successful deployments from different industries will also be discussed.

9:15AM – 10:00AM
PCB Design-To-Cost Drivers
Randy Mattsen, Field Operations Engineer, ViaSystems

- Description of the trade-offs and cost impact of design attributes
- Convey trend data effecting cost (not to be used for specific quotes)
- Provide design guidance for attribute selection during the product design phase
- PCBs are custom designed and require early supplier involvement to achieve the most cost effective product
- Cost factors relate to panels, not piece part cost directly
11:00AM – 11:45AM
ReMAPPING The Global Market
Irene Sterian, Executive Director, Celestica

As “Electronification” continues to proliferate and shape the future of new products, Refined Manufacturing Acceleration Process (ReMAP) focuses on solving global challenges of aging population, energy sources, and the environment and will offer advanced materials and processes for next-generation electronics manufacturing. Irene Sterian will discuss, and present examples, of ReMAP project concepts for miniaturization and cost reduction in Optics and Photonics, Solar Module Energy efficiencies, and alternative materials for lead-free soldering.

12:00PM - 1:00PM
Join us for Free BBQ (with a Vegetarian Option) Lunch and Networking on the Show Floor - PLUS Door Prize Drawings!

Special Thanks to Our Lunch Sponsor: NPI Technologies

Special thanks to our Door Prize Sponsor, SVTronics

Special Thanks to our Technical sessions Sponsor. Kyzen

1:30PM – 2:15PM
QFN Design Considerations to Improve Cleaning
Mike Bixenman, DBA, Kyzen Corporation

QFN Design for cleaning research found that the level of flux residue under the bottom termination is reduced when there is a channel for flux volatiles to outgas. When opening spaces under the bottom termination, the ability for air to flow and exhaust during reflow reduces flux residue under the bottom termination. The data conclusively found that when flux volatiles outgas and escape from under the component during reflow, greater than 70% of flux residues outgas with the remaining residue forming around the solder pads. This opens up flow channels to allow the cleaning fluid to penetrate, wet and dissolve remaining residues. The presentation will talk to design considerations that improve cleaning effects and reduce voiding in the QFN ground pad area.
# SMTA Dallas Chapter Volunteer list

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<th>Last Name</th>
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<th>Board member</th>
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# SMTA Dallas Chapter Corporate Member list

Corporate members   Dallas Chapter 2/11/2015

- ACD
- Barry Sales, Inc.
- BBM, Inc.
- Circuitronics
- Conecsus LLC
- CVInc.
- DG Marketing Corporation
- Dragon Circuits
- E.T.S. Group, Inc.
- Electrolab Inc.
- EWD Solutions
- FHP Reps
- Fujitsu Network Communications
- GSC (Garland Service Company)
- JTAG Technologies
- Keysight Technologies
- Krypton Solutions
- Mek Americas LLC
- Morgan Newton Company
- National Circuit Assembly
- NPI Technologies, Inc.
- One Source Group
- PAC Global, Inc.
- Philips Entertainment
- Precision Technology, Inc.
- Roper Resources, Inc.
- Southwest Systems Technology Inc.
- SPEA America
- Sunshine Global PCB Group
- SVTronics, Inc.
- The IPS Group, LLC
- Trilogy Circuits, Inc.
- Variosystems, Inc.
- VI Technology
Page 3 - Just wondering….

Do you know what a “Neologism is ?

A neologism is the name for a newly coined term, word, or phrase that may be in the process of entering common use, but that has not yet been accepted into mainstream language.

The Washington Post has published the winning submissions to its yearly neologism contest, in which readers are asked to supply alternative meanings for common words.

The winners are:

1. Coffee (n.), the person upon whom one coughs.
2. Flabbergasted (adj.), appalled over how much weight you have gained.
3. Abdicate (v.), to give up all hope of ever having a flat stomach.
4. Esplanade (v.), to attempt an explanation while drunk.
5. Willy-nilly (adj.), impotent.
6. Negligent (adj.), describes a condition in which you absentmindedly answer the door in your nightgown.
7. Lymph (v.), to walk with a lisp.
8. Gargoyle (n), olive-flavored mouthwash.
9. Flatulence (n.) emergency vehicle that picks you up after you are run over by a steamroller.
10. Balderdash (n.), a rapidly receding hairline.
11. Testicle (n.), a humorous question on an exam.
12. Rectitude (n.), the formal, dignified bearing adopted by proctologists.
13. Pokemon (n), a Rastafarian proctologist.
14. Oyster (n.), a person who sprinkles his conversation with Yiddishisms.
15. Circumvent (n.), an opening in the front of boxer shorts worn by Jewish men.
REASONS TO JOIN YOUR LOCAL SMTA CHAPTER

- Do you have something to share such as new technologies or new products?
- Are you new in a sales territory – do you know all the players? Do they know you?

Be informed and involved on the Local Chapter level:
- Take advantage of technical information provided at local meetings Get to know colleagues in your local area
- Network for technical information and get to know companies and people in your local area
  - Share information with colleagues on new products and services

THE MISSION OF SMTA

The Surface Mount Technology Association (SMTA) membership is a network of professionals who build skills, share practical experience and develop solutions in electronic assembly technologies and related business operations.

MEMBERSHIP DUES

Participating: $50 - If your company (same location/division) holds a Corporate Membership it’s 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 full-time post-secondary students and retirees at a discounted rate.

HOW TO JOIN

On-line at www.smta.org