

LA/OC SMTA CHAPTER NEWS

November 2003 EDITION

DATE

November 20th, 2003

AGENDA

6:00PM, Social Hour
7:00PM, Dinner/Presentation

MEETING FEES

\$20, Members
\$25, Nonmembers

MENU

Cornish Game Hen & Chocolate Cake

LOCATION

Embassy Suites
3100 East Frontera
Anaheim, CA



Los Angeles & Orange County Chapter

"The Surface Mount Technology Association membership is a network of professionals who build skills by sharing practical experiences and developing solutions in electronic assembly technologies and related business operations."

LA/OC SMTA CHAPTER IS PROUD TO PRESENT...

SIPAD - Solid Solder Deposit

Presented By:

Matt Kehoe

President

SIPAD Systems Inc.

(SMTA Atlanta Chapter Secretary)



RESERVATIONS

Call: MaskTek
(714) 557-3383

NO SHOWS WILL BE INVOICED

If you can not attend, please cancel your reservation by 12 Noon on Wednesday, prior to the meeting.

UP COMING EVENT

LA/OC SMTA is proud
to Present...
2003 Christmas Party

Date

Friday, December 12th, 2003

Time

6:00pm, Social Hour
7:00pm to Closing, Dinner &
Dancing

Location

Sarducci's Capistrano Depot
By the AMTRAK Train Station
Downtown San Juan Capistrano

Cost

\$25/person/SMTA member
\$50/couple/SMTA member
\$35/person/Non-SMTA-members

See Page 7 for further Details!

PRESENTATION ABSTRACT

Solid solder deposit (SSD) has been around for 16 years, and has been in the United States for 7 years. Some in our industry have called it "the greatest idea that nobody has ever heard of."

SSD has proven successful as an alternative method of solder application for more than 50 companies. By using pre-deposited solder, BGA's, flip chip components, .4mm QFP, 0402, and 0201 components can be successfully hand placed and soldered without requiring a stencil printer or liquid solder paste.

Rigid boards, flex cables, thin boards, thick boards, lead free, high temp and low temp processes can be used.

Assemblies are cleaner, higher quality, and have better throughput than those produced by traditional hand paste and place methods. Current applications of SSD technology will be discussed and compared with the traditional method of solder paste printing and placement.

SPEAKER PROFILE

Matt Kehoe began his career in electronics in 1981 as one of the original employees at Proto Systems of Atlanta, working both in manufacturing and sales, building his knowledge of printed circuit manufacturing with hands on experience.

In 1987 Matt started Miltec Electronics where he designed and managed a network of paperless purchasing systems for printed circuits called Bear Ware. Numerous national and international speaking engagements and workshops resulted in his introduction in 1990 to the SIPAD solid solder deposit process invented by Siemens Germany. Matt successfully imported the SIPAD solid solder technology from Germany in 1997, designing and managing the first SIPAD solid solder deposit facility in the United States in Atlanta GA. In 2001 Matt began SIPAD Systems Inc., which is the only independent facility of its kind in the world, supplying SIPAD coating services to OEM's, CEM's and printed circuit manufacturers.

What's Inside this Months News Letter...

Page 2..... Presidents Message

Page 3..... Golf Tournament Chairman Message

Page 4/5..... 4th Annual SMTA/CCA Golf "Get Together" Sponsors (Thank You Sponsors!!!!)

Page 6.....Golf Tournament Pictures

Page 7.....2003 Annual Christmas Party Information

CHAPTER OFFICERS**President**

Scott Penin, CSMTPE
 Paradigm Manufacturing LLC
 3304 W. MacArthur Blvd
 Santa Ana, Ca. 92704
 TEL: 714.438.0822
 FAX: 714.438.0028

E-mail: spenin@paradigmmanufacturing.com

Vice- President of Technical Programs

Atul Mehta
 Jet Propulsion Laboratory
 Pasadena, CA
 TEL: 818.393.2962
 FAX: 818.393.5055

E-mail: acmehta@jpl.nasa.gov

**Vice-President of Membership
&****Vendor Advertisement Chairman**

Michelle Ogihara
 Seika Machinery, Inc.
 3528 Torrance Blvd., Suite 100
 Torrance, CA
 TEL: 310.540.7310

E-mail: michelle-o@jp.seika.com

**Vice-President of Education
&****Secretary**

Kathy Palumbo
 Production Analysis & Learning Services, LLC
 Trabuco Canyon, CA
 TEL: 949.713.7229
 FAX: 949.713.7229

E-mail: palsrvs@palsrvs.com

Treasurer

Riki Brown
 Golden West Technology
 Fullerton, CA
 TEL: 714.738.3775
 FAX: 714.738.7727

E-mail: rikigb@earthlink.net

Golf Tournament Chairman

Frank Kurisu
 SolderMask, Inc.
 17905 Metzler Lane
 Huntington Beach., Ca. 92647
 TEL: 714.842.1987

Email: fkurisu@msn.com

Presidents Message**By: Scott Penin**

The year as gone by fast, it's already the holiday season. Last month was our annual chapter training. Rob Rowland of RadiSys Corporation gave us an excellent presentation on Low Volume Surface Mount Assembly. There were 33 people in attendance, one our highest meetings this year. We thank Skyworks Solutions for their contribution of a meeting site. This is the second year we have been at their facility and they are excellent hosts.

We have two more meetings to end the year. This month SIPAD Systems will be giving a presentation on Solid Solder Deposits. It is a process developed by Siemens AG and can decrease you labor time while increasing your yields. Please join us on the 20th at the Embassy Suites.

Next month is our Annual Christmas Dinner. We are joining with the San Diego Chapter and therefore have identified a location that is between us, San Juan Capistrano. We are having dinner at Sarducci's Capistrano Depot www.capistranodepot.com. Michelle is planning for the entertainment for the evening. Since it is a drive for some people we have found a hotel (Mission San Juan Capistrano) that is close by to avoid the drive back that night. There will also be a discount for the rooms if we can achieve 10 reservations. Please go to the their website as it is a beautiful hotel www.missioninnsjc.com. Their toll free number is 866-234-0249. Travel down for the night and back either that night or the next day can also be made easier if the Amtrak is taken. The stop is within walking distance from the restaurant and hotel. Please join us for the final get together of the year.

We are also starting to make plans for next year's presentations. If you have any suggestions please contact Kathy at palsrvs@palsrvs.com as she will be our V.P. of Technical Programs as well as our Secretary for 2004.

As a final note, our hearts are with anyone associated with the recent fires in our local areas and our thanks go out to everyone who took the opportunity to help. THANK YOU!

GOLF TOURNAMENT CHAIRMAN MESSAGE

Aloha,

It is hard for me to believe that it has been 3 months since the 2003 SMTA / CCA Golf Get Together was held at the California Country Club in Whittier. For me it seems like the Golf Get Together was 3 weeks ago. There are so many memories that are still fresh in my mine's eye.

The sign in area full of golfers checking in, looking through their tee gift bags, taking part in the putting contest, getting a massage or just visiting with friends.

The many participants wearing Aloha shirts, adding to the Aloha Sprit of the day.

Every golfer on the course was trying hard to score well to help the team, some playing well and others not so well but all having a good time trying.

Pat Lopez and Lee Snyder who each brought me a fresh flower lei to wear during the day in remembrance of the passing of my Mother. Neither Pat nor Lee knew each other's plan. Mahalo.

Everyone's patients when the banquet went longer than planned.

Raffling off \$4000.00 of Quality Golf Equipment.

The winners. The others who did not win but maybe should have.

All of the people who expressed their thanks for a great event.

All the sponsors and volunteers who made the Golf Get Together possible.

Having Steve Gold, from CircuiTree there to cover the Golf Get Together and give it national exposure.

And Laura who supported me during the months leading up to the Golf Get Together.

Even today I continue to remember bits and pieces of the day and what a great group of people we have working in our industry.

With all the activity that went on in my personal life leading up to the Golf Get Together it was quite amazing that the event went ahead as planned. I would like everyone reading this article to know that there were many people involved in making this event a success and that I could not have pulled it off without them. The most important person to the event was Laura, my long time companion, confidant and best friend who stood close to me during this time. Without her I could not have pulled off the Golf Get Together.

Now that the 4th Annual Golf Get Together is in the "books" I can reflect on the event with 20/20 hindsight. From the very sparse beginnings in 2000 with 28 golfers and 15 sponsors the Golf Get Together has grown into an event that is beyond anything I could have imaged. As we go forth it will be interesting to see how the Golf Get Together evolves.

Stay tuned, and may you hit them long and straight.

Aloha and Mahalo to you all.

Frank Kurisu
SolderMask, Inc.

P.S. The 2003 SMTA / CCA Golf Get Together was featured in the November 2003 CircuiTree Magazine on page 72. You can also see the article on the Web at www.circuitree.com

2003 SMTA/CCA GOLF TOURNAMENT SPONSOR LIST
3M

2nd Year Sponsor
<http://www.3m.com>

A-CAL / Associated Calibration, Inc.

1st Year Sponsor
 714.996.2042 / Jerry Schwartz

ADS Gold, Inc.

3rd Year Sponsor
 714.632.1888 / Pat Lopez

Advanced Book Keeping Service

1st Year Sponsor
 714.842.4911 / Susan Le Bouf

AIM Solder

1st Year Sponsor
<http://www.aimsolder.com>

Allen, Haight, Cooney & Monaghan, LLP

3rd Year Sponsor
<http://www.ahcllp.com>

AMTECH, Inc.

1st Year Sponsor
<http://www.amtechinc.com>

Burkle North America

3rd Year Sponsor
<http://www.burkleusa.com>

C.A. Picard, Inc.

1st Year Sponsor
<http://www.www.capicard.com>

Christopher Associates, Inc.

2nd Year Sponsor
<http://www.christopherweb.com>

Coates Circuit Products

1st Year Sponsor
<http://www.coates-screen.com>

Custer Consulting Group

2nd Year Sponsor
<http://www.custerconsulting.com>

DEK

1st Year Sponsor
<http://www.acumenstencils.com>

Dow Corning

1st Year Sponsor
<http://www.dowcorning.com>

DuPont Electronics

3rd Year Sponsor
<http://www.dupont.com>

eMT

3rd Year Sponsor
<http://www.emtllc.com>

FastSigns

2nd Year Sponsor
<http://www.fastsigns.com/193>

Fein - Line Associates

1st Year Sponsor
<http://www.www.feinline.com>

Florida Cirtech, Inc.

1st Year Sponsor
<http://www.floridacirtech.com>

GC Aero, Inc.

1st Year Sponsor
<http://www.gcaero.com>

GemTech, Inc.

2nd Year Sponsor
<http://www.gemtechpowder.com>

Intelicoat

3rd Year Sponsor
<http://www.intelicoat.com/>

I-Source Technical Service, Inc.

3rd Year Sponsor
<http://www.i-source.com>

Larson Associates

2nd Year Sponsor
<http://www.consultlarson.com>

Lewis & Clark, Inc.

1st Year Sponsor
<http://www.lewis-clark.com>

Microtek Laboratories

1st Year Sponsor
<http://www.thetestlab.com>

Mirtec - AOI

1st Year Sponsor
<http://www.mirtec.com>

National Graphic Supply

3rd Year Sponsor
<http://www.ngspcb.com>

Omni Training Corp

3rd Year Sponsor
<http://www.omnittraining.com>

Paradigm Manufacturing, LLC

1st Year Sponsor
<http://www.paradigmmanufacturing.com>

2003 SMTA/CCA GOLF TOURNAMENT SPONSOR LIST
Perkin Elmer Optoelectronics

1st Year Sponsor

<http://www.perkinelmer.com>**Petlock, Inc.**

2nd Year Sponsor

<http://www.petlock.com>**Phibro-Tech, Inc.**

1st Year Sponsor

<http://www.phibrochem.com>**P. Kay Metal, Inc.**

2nd Year Sponsor

<http://www.pkaymetal.com>**Practical Components**

3rd Year Sponsor

<http://www.practicalcomponents.com>**Prestige Metal Recyclers, Inc.**

2nd Year Sponsor

<http://prestigemetal.uswestdex.com>**Prime Technologies**

1st Year Sponsor

714.513.2266 / Vince Cestra

Production Analysis & Learning Services, LLC

3rd Year Sponsor

<http://www.palsrvs.com>**Production Technology**

3rd Year Sponsor

<http://www.prod-tech.com>**RBC Dain Rauscher**

1st Year Sponsor

<http://www.rbcdain.com>**REStronics Southern California**

2nd Year Sponsor

<http://www.restronics.com>**Revco Products, Inc.**

1st Year Sponsor

<http://www.revcoproducts.com>**Saati Print**

2nd Year Sponsor

<http://www.saatiprint.com>**Salmon & Shroeder, Inc.**

1st Year Sponsor

<http://www.salmon-schroeder.com>**Seika Machinery**

2nd Year Sponsor

<http://www.seikausa.com>**Siemens Dematic**

3rd Year Sponsor

<http://www.siemens.com>**Shiple Company, L.L.C.**

1st Year Sponsor

<http://www.shiple.com>**SMT Dynamics**

4th Year Sponsor

<http://www.smt.com>**Solder Master Supply Company**

1st Year Sponsor

818.704.0668 / Bruce Umemoto

SolderMask, Inc.

4th Year Sponsor

<http://www.soldermask.com>**Spec Elite, Inc.**

2nd Year Sponsor

<http://www.specelite.com>**Superior Processing**

1st Year Sponsor

<http://www.superior-processing.com>**Surface Mount Techniques (SMT)**

4th Year Sponsor

<http://www.smtprinters.net>**Taiyo America, Inc.**

1st Year Sponsor

<http://www.taiyo-america.com>**Technic Inc.**

2nd Year Sponsor

<http://www.technic.com>**Technical Devices Company**

4th Year Sponsor

<http://www.technicaldev.com>**Tech-Source**

2nd Year Sponsor

<http://www.tech-sourceintl.com>**Tritek Circuit Products, Inc.**

1st Year Sponsor

<http://www.tritekcp.com>**Wells Fargo Bank**

1st Year Sponsor

<http://www.wellsfargo.com>

GOLF TOURNAMENT PICTURES





Get Connected!

CHECK OUT

Chapter News
 Technical Articles
 Membership Directory
 SMTA News
 Books

www.smta.org

Those of you who are receiving this newsletter by U.S. mail, please forward your e-mail address to:

info@paradigmmanufacturing.com

...so that we may e-mail the news letter to you. This helps lower our distribution costs, which means more benefits for our members.



**Isn't It time...
 You advertised...**



	Business Card	1/4 Page	1/2 Page
1 Month	\$ 50.00	\$ 90.00	\$ 175.00
1/2 Year (5 Issues)	225.00	400.00	750.00
1 Year (9 Issues)	375.00	675.00	1,200.00

Submission Guidelines

Acceptable Artwork Formats: .pdf, .jpg, .bmp, .gif, .tif, html, & Camera Ready Artwork. Laser Printed Pages will not be accepted.

Acceptable Font Style: Graphic, MSWord, or html.

AD SIZES	WIDTH	LENGTH
Business Card	3.75"	2.25"
1/4 Page	3.75"	4.75"
1/2 Page	7.75"	4.75"
OR	3.75"	9.75"

Schedule

Ads should be submitted at least one week prior to the end of the month proceeding the first month of desired publication.

Vendor Tables

Display your products and literature at a Chapter Meeting for a fee of \$100, and receive a bonus of one free 1/4 page AD for one month.

Contact

Scott Penin

Call: (714) 403-1874 / E-Mail: info@paradigmmanufacturing.com

Don't Forget....

December is Time to PARTY!

Come Join the FUN at our...

2003 Annual LA/OC & San Diego SMTA Chapter

Christmas Party

Location: Sarducci's Capistrano Depot / <http://www.capistranodepot.com>
 By the AMTRAK Train Station in Downtown San Juan Capistrano

Featuring: An Award Winning 3 Piece Band

Date: Friday, December 12th, 2003

Time: 6pm to 11pm

Cost: \$25 members / \$35 non-members

Menu: Your Choice of Fillet Mignon, Prime Rib, Ahi, or Scampi