



# SFEA

## Surface Finishers Educational Association

929 Newhall St., Costa Mesa, CA. 92627

### **December 2018 Educational Dinner Meeting**

**Thursday, December 6th, 2018**

#### **Jagerhaus Restaurant**

**An Authentic German Restaurant  
2525 E. Ball Rd.**

**Anaheim, CA. 92806**

**(714) 520-9500**

**5:30PM Hor d'oeuvres**

**6:30PM Speaker**

**7:00PM Dinner**

**8:00PM Gifts & Prizes**

#### **Speaker:**

**"Anodizing," Carlos Herrera, Plant Manager, Alum-A-Coat Anodizing, South El Monte, CA**

**"Meta- Materials," Ed Kanegsberg, Vice President, BFK Solutions LLC, Pacific Palisades CA.**

**"Social Networking," Alicia Moreno, Sales and Marketing Manager, Alum-A-Coat Anodizing,  
South El Monte, CA.**

**"Thermal Spray," Steve Norris, New Projects Director, Plasma Technology Inc., Torrance CA**

#### **Topic: Opportunities and Challenges in Surface Finishing**

Hear about upcoming trends, pitfalls, and opportunities for surface finishers. Our panelists will share their expertise and experience in the technical and business aspects of surface finishing. Join this interactive program and discover what's new in surface finishing and what's on the horizon.

#### **Dinner**

**Cost: \$35.00 For Reserved Dinners  
\$40.00 For Walk-ins**

**Dinner cost includes complementary tea and/or coffee with desert.**

**You may run a tab for Beer or Wine:**

**before...during... and after the meeting.**

**Make Dinner Checks out to: SFEA**

**Menu: A SMORGASBORD OF DELECTABLE  
GERMAN STYLE CUISINE**

**Please RSVP by Clicking  
the Link to the Right**

**OR**

**Click to RSVP**

**Reservations: Please call or email in your reservation by December 3rd**

**To: Kathy Petruna**

**Ph: (714) 273-9071**

**email: [kpetruna@gmail.com](mailto:kpetruna@gmail.com)**

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**Jägerhaus**  
Authentic German Cuisine  
Restaurant

For map  
Click icon above

Plus, Gifts  
& Prizes

## 2018/2019 CALENDAR OF EVENTS

### Upcoming SFEA Educational Dinner/Meetings

#### Speaker

#### Topic

<b>January 10</b>	<b>Frank Altmayer</b> from AESF/NASF	Common Salt Spray Failures-Why Do They Happen?
<b>February 7</b>	<b>Steve Norris</b> from Plasma Technology Inc.	"What is Thermal Spray?"
<b>March 14</b>	<b>Wanda Allen</b> , Founder, Followup Sales Strategies	<b>Follow Up Strategies That Will Get More Clients and Close More Sales</b>
<b>April 11</b>	<b>Sam Bell</b> from Metal Surfaces	<b>"How Ya Doin'"</b> Pre-control charts are an SPC technique whose time has come. The approach provides surface finishers with a rapid check of process status.
<b>May 9</b>	<b>TBD</b>	<b>TBD</b>

### Newsletter/Website Sponsor Ads

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Taoward Lee

929 Newhall St. Costa Mesa, CA. 92627  
Email: [taoward@pacbell.net](mailto:taoward@pacbell.net)

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"Service Direct" Line (949) 646-7552



**Alum-A-Coat**  
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Clear, Bronze, Black and Gold Aluminum Anodizing

**Alicia Moreno**

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CELL: (620) 315-1527 ALUMACOAT.COM  
E-MAIL: [ALICIA@ALUMACOAT.COM](mailto:ALICIA@ALUMACOAT.COM)



#### Services

- Type II Anodizing - Extrusions, Sheets, Fabricated Parts
- Class I: 0.7mil (Non-Dyed)
- Class II: 0.4-0.6mil (Dyed)
- Commercial: 0.2mil
- MIL-A-8625F/DAF-45 Specifications
- Bright Dip Anodizing
- Color/Dye and Splash Color
- Caustic Etch - Desmut - Seal
- Shot Blasting - Automated
- Long and Small Parts Processing
- Pin-Racking and Special Racking Available

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Black  
Bronze  
Gold  
Champagne  
Red  
Green  
Blue  
Purple  
Custom Colors

AlumaCoat.com Anodizing Ano-Lume.com Plating & Anodizing

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### Industrial Water Solutions

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- Rental Exchange Program
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- DI Water Systems



RG-10 : Portable  
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**SIRCO**  
INDUSTRIAL, INC.

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[paul@watercleaning.com](mailto:paul@watercleaning.com)  
[justin@watercleaning.com](mailto:justin@watercleaning.com)

## Newsletter/Website Sponsor Ads

**HURRY!! HURRY!! HURRY!!**

Put in for your **2018/2019**

Interactive SFEA Vendor & Sponsor Ad for both the  
Newsletter and the Website

**The cost is just \$100.00 for the year.**

Ads run from Sept 2018 through Aug 2019

If you wish to place an ad just fill out your company info  
and attach a check to the Invoice on last page of newsletter.

Please mail the invoice and check to SFEA at:  
929 Newhall St., Costa Mesa, CA. 92627

**As soon as we receive your payment  
your ad will go into the newsletter!!!**

Newsletter Placement is Dictated by Payment Date  
(First come first serve.)

Send all ad info/ad format or (jpeg) to Kathy Petruna  
[kpetruna@gmail.com](mailto:kpetruna@gmail.com)

**Kathy will be happy to work with you on your ad format.**

There is always room for one more. Get your  
ad into the SFEA Newsletter and Web Page.  
Invoice on last page of Newsletter.

### President

**Doug Sear**

Optiforms

909-263-2585

[doug@optiforms.com](mailto:doug@optiforms.com)

### Vice President & Publicity Chairman

**Kathy Petruna**

Sirco Industrial, Inc.

714-969-1413

[kpetruna@gmail.com](mailto:kpetruna@gmail.com)

### Secretary / Treasurer

**Bonnie Copeland**

Ecosystems

949-646-9494

[bonmail@pacbell.net](mailto:bonmail@pacbell.net)

### Sergeant at Arms

**Taoward Lee**

Ecosystems

(949) 646-9494

[taoward@pacbell.net](mailto:taoward@pacbell.net)

### Program Chair

**Barbara Kanegsberg**

BFK Solutions

(310) 459-3614

[barbara@bfksolutions.com](mailto:barbara@bfksolutions.com)

### Board of Managers

**Ron Barauskas**

Retired

(714) 392-4138

[charnron@verizon.net](mailto:charnron@verizon.net)

**Paul Petruna**

Sirco Industrial Inc.

(714) 969-1413

[paul@watercleaning.com](mailto:paul@watercleaning.com)



## Check out the SFEA Web Site!!!



[www.sfeasc.org](http://www.sfeasc.org)

[Click Here to Check it out!](#)

The **SFEA** website is up and running, but we could still use your input .... so Please contact our web master

**Kathy Petruna** 714-969-1413 or  
[kpetruna@gmail.com](mailto:kpetruna@gmail.com) with any thoughts, ideas or info to make this a better and more useful site for you.

*Help make this site something that  
everyone can benefit from.*

## MFASC Continuing Education Seminars

**Steven's Steakhouse**

**5332 E. Stevens Place, Commerce, CA**

**3:00-5:00**

[Click Here](#) for the Southern Chapter Events

**For MFASC meeting information  
call:**

**MFASC Headquarters—**

**Veronica Anderhalt - (818) 238-9590**



## Help Secure the Future!

Industry Leaders Supporting  
NASF Advocacy Programs

Join TODAY

For details [NASF.org/contribute](http://NASF.org/contribute)





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offers

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### “Street Smarts”

[Click to learn about educational opportunities](#)

- Workshops, Presentations
- In-house Programs
- Teaching Multiple Employees
- Education, Competition-sensitive Projects
- Audits, Failure Analysis, Trouble-Shooting
- Web programs, electronic communication



## Training & Education Update

### Web Based Courses

#### Plating Essentials

February 5, 6, 12, 13, 19, 20

Reg Deadline Jan. 22

#### Environmental Stewardship:

##### Pollution Prevention

March 5, 6, 12, 13, 19, 20

Reg Deadline Feb. 19

#### Electroplating & Surface Finishing

Parts 1 & 2 (CEF)

August 6, 7, 13, 14, 20, 21, 27, 28

October 1, 2, 8, 9, 15, 16, 22, 23

Reg Deadline July 23

#### Electroplating & Surface Finishing

Part-1 Only

August 6, 7, 13, 14, 20, 21, 27, 28

Reg Deadline July 23

#### Electroplating & Surface Finishing

Part-2 Only

October 1, 2, 8, 9, 15, 16, 22, 23

Reg Deadline Sep. 17

#### Plating Essentials

September 3, 4, 10, 11, 17, 18

Reg Deadline Aug. 20

#### Electroless Deposition

November 5, 6, 12, 13, 19, 20

Reg Deadline Oct. 22

[Click Here for more information](#)

### In Person Class

## Home-Study Program

### Register Here

**Airline & Aerospace Finishing**

**Aluminum Finishing**

**Chromium Plating for Engineering Applications**

**Corrosion & Salt Spray**

**Electroforming**

**Electroless Deposition**

**Electroplating & Surface Finishing**

**Industrial & Precious Metals Plating**

**Just the Basics in Electroplating**

**Pollution Prevention**

**Wastewater Treatment & Control**

**Zinc, Zinc-Alloy Plating**



## Kushner Electroplating School

*Education, Training and Consulting*

### Electroplating Know-How Basics Online

Electroplating Know-How Basics Online is the same comprehensive modern electroplating training program as our famous two day seminar, but available online for your convenience. Click here for [More Information...](#)

### California Resource Management Association



## RCRA/DOT HAZMAT TRAINING

RCRA/DOT HAZMAT Training Course sponsored by the California Resource Management Association.

For Generators who Manage Hazardous Waste / Sign Manifests, Drivers, Loaders (90-day, 180-day area).

This 1-Day class informs students of the current regulations pertaining to hazardous materials and waste. Students will also be informed of the new post 9/11 DOT security regulations HM-232.

Class includes Waste Management for employees working in the “90-Day” area.

[REGISTER NOW](#) for these upcoming dates: TBD

# Want Ads

## Shift Supervisor - Packaging Department

South El Monte, CA

Compensation: \$15 to \$20 Hourly

Benefits Offered: 401K, Medical

Employment Type: Full-Time

### ALUM-A-COAT

#### Why Work Here?

"Long-established company with PLENTY Of opportunity for growth!"

#### Requirements:

Bilingual (English-Spanish) REQUIRED

[Click Here to Apply](#)



Gold Tech Industries, a medium sized plating facility in Tempe Arizona, currently has full time openings for a Process

Engineer and a Quote Estimator. For more information about our company see our website at [www.goldtechind.com](http://www.goldtechind.com).

If interested, please send resumes to [careers@goldtechind.com](mailto:careers@goldtechind.com).

**Anyone wishing to post a want ad, please email me all pertinent information.**

**[kpetruna@gmail.com](mailto:kpetruna@gmail.com)**

Need a Job? Have a position to fill?  
Need to sell or buy used equipment?

**Place your ad here!**

***THE "Surface Finishers Educational Association" LIBRARY is here to serve you.***

***The library location has been moved to Technic  
1170 Hawk Circle,  
Anahiem, CA. 92807***

***You can check out material by contacting any of the Officers.  
(see page 2 for list of Officers)***

***Anyone wanting to see the library list***

***...***

***please go to the website  
[www.sfeasc.org](http://www.sfeasc.org) and click on the library page. You can also download a pdf file of the library list while you're there.***

## Just a ?

***Do you know anyone who should be on the SFEA newsletter mailing list?***

***Send me their email address to [kpetruna@gmail.com](mailto:kpetruna@gmail.com) and I'll make sure they get all the mailings.***

### LINKS

#### ***Organizations and Publications***

[www.nasf.org](http://www.nasf.org)

[www.mfasc.org](http://www.mfasc.org)

[www.metalfinishing.com](http://www.metalfinishing.com)

[www.cmtc.com](http://www.cmtc.com)

[www.aqmd.gov](http://www.aqmd.gov)

[www.epa.gov](http://www.epa.gov)

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<http://www.cjiprocesssystems.com>



<http://www.pfonline.com>

An article published in the  
Products Finishing Magazine.

## Preventing Electroplating Tank Catastrophes in Surface Finishing Operations

About 75 percent of process tank users have reported tank failures. Here's how to avoid them.

Article Post: 11/1/2018 CURTIS GOAD CEO, Goad Co.

Process tanks are a necessity, providing critical service to plating and pickling operations, yet they have often been implicated in facility accidents, leaks, catastrophes and fires. Associated risks can threaten both worker safety and groundwater contamination, draining profit and a company's reputation.

It is said that a prudent man learns from his experience but a wise man learns from the experience of others, and the intent of this article is to provide you, the reader, with the opportunity to become wiser without experiencing your own major loss. Rather than focus on technical or scientific issues, we will share actual experiences we have encountered over the past 40 years in the finishing industry.

Since no "silver bullet" tank material exists, and any tank is only as good as its weakest element, tanks should not be viewed as a commodity nor taken for granted. About 75 percent of process tank users have reported experiencing tank leaks. Proper material selection, and taking advantage of advances in fabrication/welding methods and technologies can greatly reduce premature failure.

### Exposure and Environmental Liability

Although tank leaks can often be repaired, the associated lost production and loss of chemicals can be costly. In a recent survey, 67 percent of facilities reported having had a leak that resulted in major cost or burden, and 18 percent have experienced catastrophic tank failure in the past. These latter companies reported dire consequences: worker exposure, overcoming of secondary containment, and environmental or clean-up liability.

Poor welding is a common cause of tank failure. Welding machines provide the highest strength welds, and plastic shops should have quality assurance programs and qualified welders based on AWS b2.4 standard specification for plastic welding. Hand welds are tedious and require intense focus, and since welding large tanks requires long hours or days of welding, tiredness and reduced concentration are likely. The fewer hand welds—both in terms of linear feet and number of passes—the better.

[Click here to read full article](#)



California Manufacturing Technology Consulting

A non profit dedicated to improving the manufacturing community in southern California

## Resources Available to Help Small and Medium-Sized Manufacturers

Posted by [Steven Brand](#) on Nov 7, 2018

Help is out there, you just need to know where to look. Each year, billions in funding for research and development and workforce initiatives is available for small and medium-sized manufacturers (SMMs) in order to help them get off the ground or aid in expansion efforts. Here are seven organizations that can help your business flourish in today's competitive manufacturing environment.

### 8 Organizations That Can Help SMMs

#### [Export.gov](#)

Developed by international trade specialists and economists, Export.gov helps SMMs succeed in today's global marketplace by providing market intelligence, practical advice, and business tools. The organization collaborates with 19 US Government agencies to help SMMs and others navigate the maze of government regulations and get answers to questions while providing expert knowledge in [international sales](#).

#### [Investing in Manufacturing Communities Partnership \(IMCP\)](#)

IMCP was established to promote and facilitate collaboration among private and public sector stakeholders in U.S. manufacturing communities. It supports growth in the US manufacturing sector, the creation of new jobs, regional economic growth, and workforce development initiatives. Through IMCP, the federal government is rewarding best practices—coordinating federal aid to support strong development plans within communities and synchronizing grant programs across multiple departments and agencies.

[Click here to read full article](#)



# What You Missed

**Speaker: RON BARAUSKAS** now retired, but formerly with:

**GTE Automatic Electric Laboratories 1968-1979**

Engineer in Research and Development/Release to Manufacture; precious metal plating for relays: Au, Ag, Ru, Pd, Rh, Hg

**LeaRonald/Rohm & Haas 1979-2009**

Technical Service for entire product line, but especially for precious metal plating applications, with a focus on the electronics industry. Technical Manager for West Coast operations: gold refinery; chemical manufacture; customer service and QC labs; R&D.

**EMS Analytical Labs 2009-2012**

Developed analytical procedures; performed analyses, especially instrumental, in support of the plating industry.



**Topic: "Uncommon Gold Plating Processes"**  
**AFHG and Other Less Known Gold Plating Topics**

Ron will present information about unusual gold plating processes that are used in production (not laboratory curiosities) and talk about approaches to modifying commercial gold processes to meet specific product needs.



## Networking Time



**Our October 50/50 Raffle Winner was ....**  
**Courtney Nguyen from ACM Technologies**

***Will You Be The Next Winner***  
***of the 50/50 raffle?***





# Surface Finishers Educational Association

929 Newhall St., Costa Mesa, CA. 92627

DATE:            /        /2018

Invoice No.:

2018/2019

## NEWSLETTER ADVERTISEMENT INVOICE

COMPANY/ NAME:			
ADDRESS:			
CITY:		STATE:	ZIP:
Email Address:		Phone#	

	Quantity	Unit Price	Cost
Newsletter/Web Site Ad, ( One Business Card Size )	1	\$100.00	\$100.00
<b><i>Ads are placed in newsletter as they come in, so get your invoice &amp; check in early and get a good spot.</i></b>			
Run Time: 09/2018-08/2019			
(Please forward advertising material to Kathy Petruna. <a href="mailto:kpetruna@gmail.com">kpetruna@gmail.com</a> 714-273-9071)			\$0.00
<b>Check the appropriate box:</b>			\$0.00
I will use my existing ad format	<input type="checkbox"/>		
I will contact Kathy about new/updated ad format	<input type="checkbox"/>		\$0.00
		Subtotal	
			\$0.00

**Total**

Make all checks payable to: SFEA,

Mail Invoice and check to:  
SFEA  
929 Newhal St.  
Costa Mesa, CA. 92627

Questions regarding this invoice, contact

Kathy Petruna @ 714-969-1413 or [kpetruna@gmail.com](mailto:kpetruna@gmail.com)