



Hi Everyone,

Hope your having a fun filled summer!

NEW! We are going to try something NEW!

We will be doing some ZOOM Meetings plus try some
“In Person” Meetings throughout the Year.

In September and October:

We will have a **ZOOM** meeting from **9:00-10:00 AM**

In November and December:

We will have an **“IN PERSON”** Meeting at a Restaurant
in Southern California, at 5:00-9:00pm. Our “In Person”
meetings will be video taped and posted... if possible.

Our first Meeting of the year will be September 8th...
Hope to see you all throughout the year!

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HURRY!! HURRY!! HURRY!!

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

This is the last Newsletter with the existing Sponsor Ads.

For all of you wishing to sponsor the SFEA
and help keep educational meetings
going, **Please** go to the last page of this
newsletter, print, fill out the invoice, attach
a check and mail to SFEA at: 929 Newhall
St., Costa Mesa, CA. 92627

<<<<<<<<< See announcement to left

(Those of you who paid for more than one
year sponsorship may ignore this
announcement.)


2022/2023 CALENDAR OF EVENTS


Upcoming SFEA Educational Dinner/Meetings

Date	Speaker	Topic
September 8 (Zoom)	Brittany McKinney From Pavco	Making the Transition: Hexavalent to Trivalent Chrome Plating
October 13 (Zoom)	Coming Soon	
November 10 (In Person)	Alicia Moreno From Chrome Plating USA	"Parts Handling In Electroplating - Rack, Barrel, Hoist, Hand-Wire"
December 8 (In Person)	Coming Soon	
January 12	Coming Soon	
February 9	Coming Soon	
March 9	Coming Soon	
April 13	Coming Soon	
May 11	Coming Soon	

Barbara Kanegsberg (Program Chair) along with the rest of the SFEA board members, are hard at work lining up the 2021/2022 speaker list. We strive to find interesting and educational topics and knowledgeable speakers that will bring a message to benefit you and your business. You can help by....Letting us know if there is a topic you would like to hear someone speak on ...OR...if you or someone you know would like to be a speaker for next year let us know!

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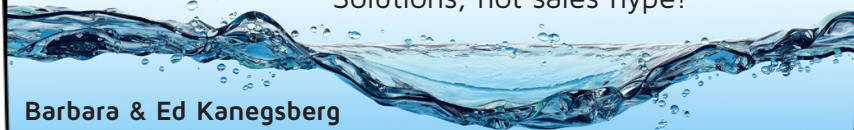
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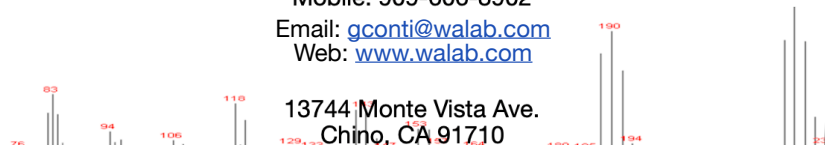
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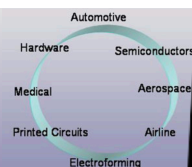
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MFASC Continuing Education Seminars

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**

START

September 20, 2022 4:00 pm

END

September 20, 2022 8:00 pm

ADDRESS

901 Via San Clemente, Montebello, CA
90640, USA [View map](#)

PHONE

877-238-9490

EMAIL

admin@mfaca.org

WEBSITE

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SAVE THE DATE! MFASC ANNUAL FALL OUTING

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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 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.

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An article published in the
Products Finishing Magazine.

The History of Electroplating and A Historical Review of the Evolution of NASF

by

*William P. Nebiolo**

*REM Surface Engineering
Southington, CT, USA*

The history of electroplating is a curious mixture of mistakes, observations, serendipity and experimental development, enmeshed and entwined with the discovery of electricity in the late 18th century. Join Mr. Nebiolo as he reviews the fascinating history of our industry and its metamorphosis during the last 238 years. He will also provide a brief history of our flagship society, the NASF.

Have you ever wondered who was the first individual to electroplate something? Have you ever heard the term Galvanic action and pondered its origin? Are you aware that the French Emperor Napoleon played a role in our industry?

Who discovered the first nickel brightener? These are just a few of the fascinating tidbits that will be shared in this fascinating, light-hearted and enjoyable presentation.

The History of Electroplating

Luigi Galvani (Fig. 1) was born in Bologna, Italy on September 9, 1737.¹ As a young man, Galvani was interested in the field of theology. Encouraged by his parents to study the sciences, however, he instead enrolled at the University of Bologna in 1755 and received his Baccalaureate in Science in 1759.

Following his father's preference for medicine, he then pursued as a graduate student the field of physiology and was awarded a medical degree in 1762. In 1781, the new and exciting science of the time was the recent discovery and study of electricity. In 1774, Galvani read a paper published by three authors; Leopoldo Caldani, Felice Fontana and Tommaso Laghi, who found that muscles in frogs, could be activated by the application of electrical stimulation.

[Click here to read full article](#)



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Developing a Manufacturing Workplace Safety Plan

Maintaining a safe workplace is part and parcel of running an efficient manufacturing business. No matter the size of your company or the scale of your operations, protecting the well-being of your employees should be a top priority. But safety isn't just an internal concern — regulatory agencies like the Occupational Safety and Health Administration (OSHA) require workplace compliance to protect employees and employers from injury and illness at work. While most employers are required to have an [OSHA safety plan](#), all businesses benefit from having documented safety policies.

In this blog, we'll explore everything you need to know about developing a manufacturing workplace safety plan: safety plan basics, the purpose and benefits of such plans, OSHA safety plan requirements, and a step-by-step procedure for building an airtight policy.

What is a Workplace Safety Plan?

First, let's explore a central question — what is a workplace safety plan? An effective, thorough safety plan for a manufacturing company has three major components:

1. A description of potential hazards and dangers in the workplace
2. Company policies and procedures that minimize hazards
3. Standardized responses and action plans for safety incidents

Your safety plan should be formalized in writing, and it should be accessible to all employees — not just company leadership.

The most effective plans are:

- Created and maintained by a team of employees from multiple departments
- Regularly audited for further improvements and modifications
- Driven primarily by employee protection

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