



# SCHSM

Southern California Home Shop Machinists

July 2, 2016

## OFFICERS

President	Michael Vulpillat
Vice President	Frank Schettini
Secretary	Ken Rector
Treasurer	Jim Endsley

## COMING EVENTS

### Model T Swap Meet

July 23, 2016

7:00 A.M.

Los Alamitos Race Course  
4961 Katella Ave.  
Long Beach

### August Meeting

August 6, 2016

2:00 P.M.

El Camino College

### WEME Show

August 26-28, 2016

Alameda County Fairgrounds  
Pleasanton, California

### September Meeting

September 3rd, 2016

2:00 P.M.

El Camino College

## Preface

The May monthly meeting of the Southern California Home Shop Machinists convened at 2:00 P.M. on Saturday, June 2nd, 2016 in classroom AJ115 on the first floor of the Industry and Technology Building at El Camino College in Torrance California. There were 30 people in attendance. There were no new visitors at the meeting .

## Model T Swap Meet

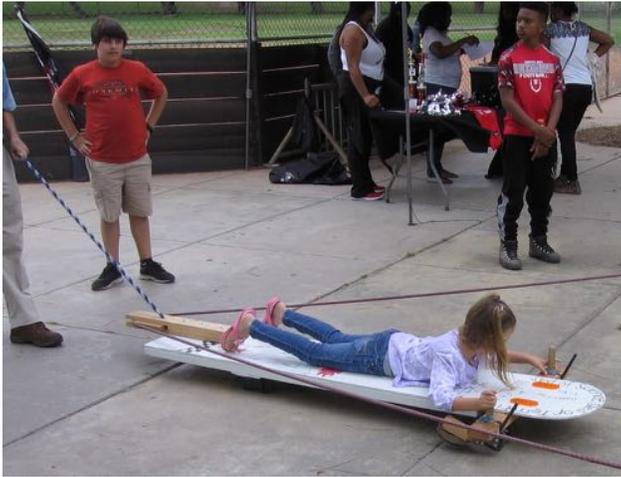
Elton Barkley spoke about participating in the Long Beach Model T Club Swap Meet which is to be held on the morning of Saturday, July 23rd at the the Los Alamitos Race Course, 4961 Katella Ave. in Los Alamitos, California. The swap meet begins at 7:00 am and exhibitors should be there well before that time. This is a large, well attended swap meet with lots of exhibitors and the Model T Club welcomes our participation. Our displays have been well received in past years. Elton encouraged members to bring a chair, table, shade cover if they have one and examples of their shop productions to display. Last year we had two pop-up awnings and four or five tables of displays. It is a great way to spend Saturday morning. Much better than mowing the lawn. For more information please contact Eldon Barkley.

## Picnic

Forty five members and spouses attended the club picnic on June 11. The success of the picnic was due in large part to the excellent lunch arranged and delivered by President Michael Vullipat. Thanks very much, Michael!

Several members brought displays to the picnic to enthuse fellow members and to attract passers-by. That fun guy, John Miller,





brought a wheeled sled which was used to catapult riders down the sidewalk at breakneck speeds. This was a big attraction to kids in the park and every one had a ride during the afternoon. Another big attraction was Ron Gerlach's West Coast Engine that he hauled up from Tustin for the event. Ron ran the engine and explained many of the fine points of its engineering and refurbishment. Ginger Snyder brought some beautiful quilts she has made. Some were completed and some were in the process of being made.

#### WEME Show

The Bay Area Engine Modelers are producing the Western Engine Model Exhibition again this year. The show will be on August 26-28, 2016 at the Alameda County Fairgrounds in Pleasanton, California. The exhibition has its own air conditioned exhibition building

at the Good Guys car show. We will have two tables for display of our engines, tools and propaganda to promote our club. The Good Guys show attracts thousands of people each day of the three day event and many of them troop through the WEME exhibition to look at the displays. There are running engines and static displays. It is a great opportunity for us to show our stuff. While it is true that this is a Bay Area event, there are usually visitors from Southern California who are interested in our display and our group. Exhibitors and their guests have free admittance to the show to see the WEME exhibit and the several thousand cars on display. This is a big event that is a lot of fun.

#### AGSEM Exhibition

Jim Endsley reported on our display at the Antique Gas and Steam Engine Exhibition last June 28th. Jim told about the improved display area we were assigned. He presented slides to show our display and thanked the participants for their effort. Howard Weimer's display of single cylinder air cooled 4 cycle engines attracted a lot of attention. Also Graham Hollis brought in crowds when he ran his 9 cylinder radial engine. Graham also ran his Otto-Lange engine based on the original 1865 patents. Phill Potter displayed his G scale rail test car. Frank Schettini showed his collection of small steam engines running on compressed air and small machine shop models and Jim Endsley had a table with weapons research and mortars firing confetti poppers. Don Huseman brought in a steam engine powered pencil sharpener which ran on compressed air. Ron Gerlach brought his 16HP West Coast Engine to the exhibition and also spent some time at our display with a smaller scratch built hit-n-miss engine. Our club 'Farm Boy' engine was also displayed and run from time to time.



#### Deburring

Larry McDavid gave a presentation on deburring tools and operations and solicited input from members about their favorite tools and methods. The presentation included slides showing the large variety of deburring tools available and how they may be suitable for certain types of work. Norm Wells showed a crank style tool that one can use to deburr the edges of holes. Larry and others had similar tools. Beside blade type tools, there are various brushes, abrasive papers and sanding blocks. In particular Larry mentioned Mitchel's Abrasive Cord that can be used to draw through small intersections and a 3M abrasive sheet on a very limp and pliant plastic backing that can be used wet or dry. Although they are not usually associated with deburring, disposable scalpels are useful for this kind of work. There seems to be no end to the number and type of products useful for smoothing machined parts and Larry gave us information about

many of them. As an example of how important this operation can be he told about problems encountered with an automotive air bag application caused by improper deburring of a chip about 3 micron thick.

#### Show and Tell

Michael Vulpillat showed some photos of draw knife like tools used for hand metal working. He also showed an image of a large shop made belt sander he found useful for knife making. He proposed this might make a good project for members.

Lewis Sullivan continued his talk from last month about scraping tools. He described how he sharpens a scraper with the proper radius across the end and he showed a jig used for silver brazing a carbide tip to a tool using a scarf joint.

Frank Schettini asked if anyone could identify some carbon rods he acquired to use in a resistance soldering tool. Some thought they were from an arc light and some thought they were welding electrodes.

Fred Kerpsie told about a 1940 Witte diesel generator set he acquired from a lonesome prospector in the Mojave.



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The SCHSM welcomes presentations by members or guest speakers on any subject related to metal working activities. If you have some knowledge or experience you feel may be of interest to our members, or if you know someone that may have something interesting to relate, please consider making a presentation at a meeting. Presentations may be a little longer and more detailed than a show and tell and may be accompanied by slides or video, or physical displays. Probably every member has some experience they can share and this is the purpose of the SCHSM. Please contact President Michael Vulpillat to make arrangements to give a presentation.

The SCHSM meets in class room AJ115 on the first floor of the Industry and Technology building of El Camino College, 16007 Crenshaw Blvd. Torrance California, at 2:00P.M., on the first Saturday of every month. The building is near Parking Lot B. Enter the campus on Manhattan Beach Blvd.

If you would like to contribute an article to this newsletter or make a comment about the newsletter, contact the editor, Ken Rector, via the SCHSM Yahoo Group, or at [kdrhoo@yahoo.com](mailto:kdrhoo@yahoo.com).