



SCHSM

Southern California Home Shop Machinists

June 7, 2014

OFFICERS

President	Frank Kozlowski
Vice President	Charles Angelis
Secretary	Ken Rector
Treasurer	Jim Endsley

COMING EVENTS

SCHSM Picnic
June 14
Alondra Park
10:00am

July Meeting
July 5
El Camino College
Room COM101
2:00pm

Antique Gas and Steam Engine
Show
June 28
Vista CA

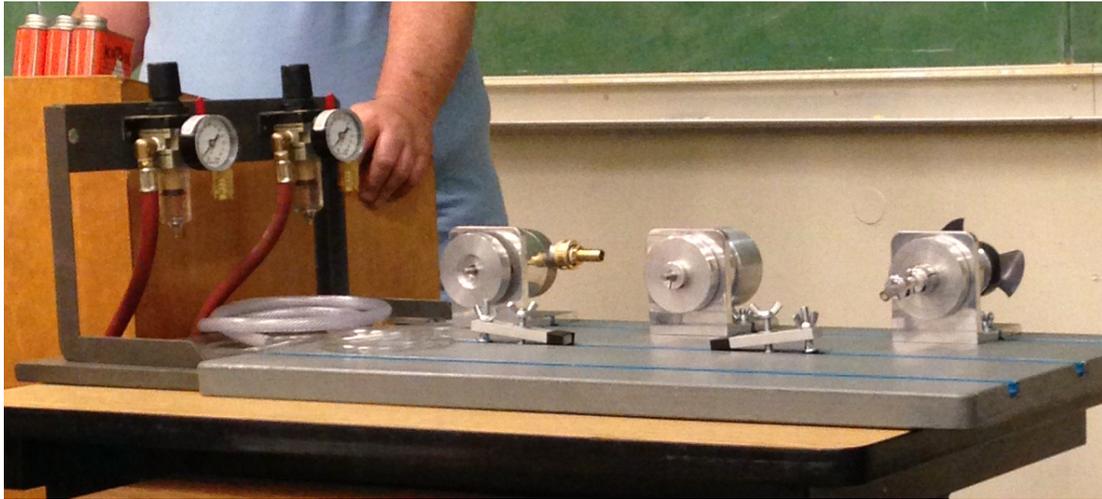
The June edition of the monthly meeting of the Southern California Home Shop Machinists got under way at 2:00 p.m. on June 7th, in the COM101 classroom at El Camino College. There were 36 members present, with no visitors.

Members present voted to hold the next meeting on July 5th, which is the normal day, regardless of the July 4th holiday.

President Frank Kozlowski announced the menu for the Annual Picnic to be held on June 14th in Alondra Park. Attendees will feast on a delicious menu of Meatballs, tri-tip, ribs, BBQ chicken, salad, beans and rolls. Lunch will be served at 12:00.

The street address of Alondra Park is 3850 Manhattan Beach Blvd. We have reserved our usual area which is in the very northeast corner of the park, just east of the golf course and fronting on Manhattan Beach Blvd, and just next to the parking lot. We have the area all day and there are several picnic tables we can use for lunch. For just sitting around, you may be more comfortable if you bring your own chairs. Everyone is encouraged to bring some examples of their shop work to display and there will be a generator and compressor for equipment that runs on air or 110v. The main event of the day, after lunch, will be the engine performance contest.

Mike Jacob showed the test bench that will be used to judge the Engine Performance Contest at the picnic. As you can see from the image below, Mike has done a fine job



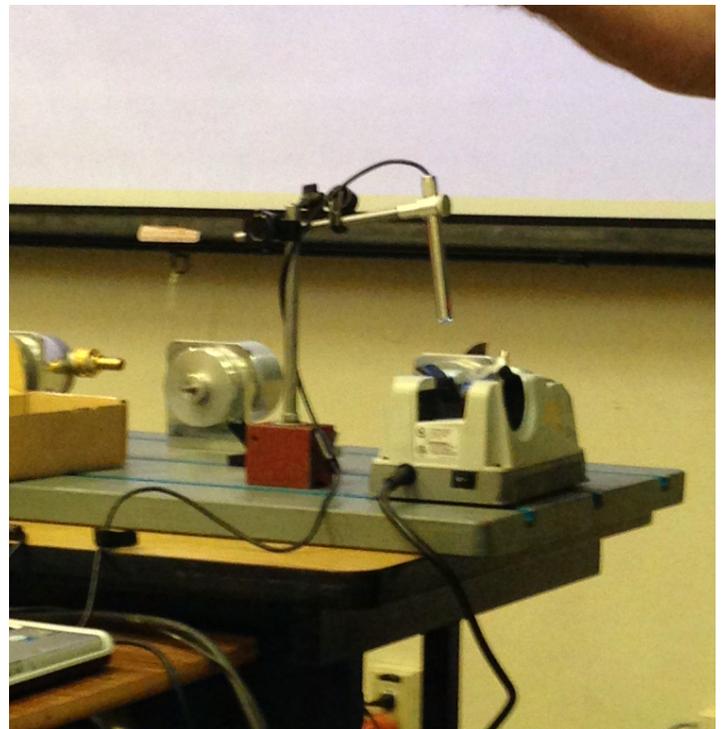
building the test bed. It has tee slots for clamping the engines and test equipment and a rack to hold the air manifold with several size hose attachments. It is very nicely finished. There are three tests devices, a water pump, a fan type inertia device and a flywheel type inertia device. Several members reported they have built engines for the contest.

Jim Endsley reminded us that the club will attend the Antique Gas and Steam Engine Museum (AGSEM) Spring Tractor Show on June 28. Members who wish to participate in our display should arrive at the museum entrance at 8:00am to begin setting up our display. So far seven members have committed to participate. If you would like to join this group and display some of your work, please contact Jim. There is no admittance fee for exhibitors.

Larry McDavid distributed cans of Kroil Penetrating Oil to members who subscribed to his bulk purchase. Thanks to Larry for taking the time to do this.

Your reporter demonstrated a computerized measuring system put together using an x-y stage, a webcam purchased on Ebay, and a zoom lens from an old Sony HandCam. The system is run by software he developed and allows inspection of parts mounted on the table with magnification of 10 to 20X. Besides simply measuring with the x-y stage one can compare angles using two simulated reticules and also compare objects on the stage with a mask image.

At the request of one of the members, Jim Long brought in his Drill Doctor sharpening instrument and demonstrated its use. Using a USB



microscope to give an enlarged view on the projection screen, he showed how the drill is aligned in the DD chuck in preparation for grinding. He then ground a couple of drills that badly needed sharpening. Jim's demonstration generated a lot of discussion about the tool and how it works. The demonstration machine was a model 750 which sells for about \$140.

Bob DeVoe told us about Chris Woods', of Little Machine Shop, experience with Chinese suppliers. He passed out gift wire brushes donated to our group by Chris Woods.

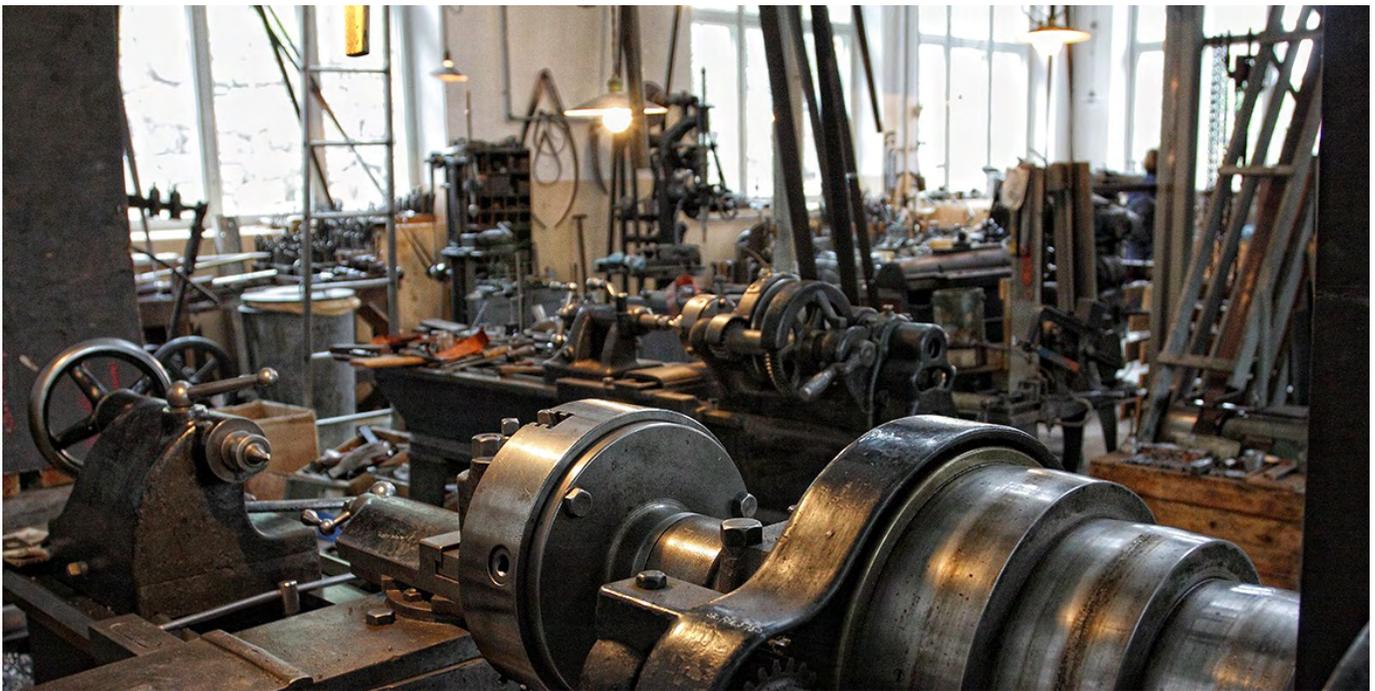
There being no further business or Show and Tell, the meeting adjourned at 4:30.

The club welcomes presentations by members or guest speakers on any subject related to our 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. Please contact President Frank Kozlowski to make arrangements to give a presentation.

The SCHSM meets in Communications Building (COMM) basement classroom COM101, of El Camino College, 16007 Crenshaw Blvd. Torrance California, on the first Saturday of every month. The building is near Parking Lot C. Enter the campus on Manhattan Beach Blvd.

Find us on the web at www.schsm.org.

If you would like to contribute an article, or suggest an improvement to this newsletter, please contact the editor, Ken Rector via the SCHSM Yahoo Group.



The body font of this newsletter is Century Gothic Regular, printed at 80 percent opacity, which is most economical in terms of toner usage. The headline font is LeroyLetteringLight Regular which simulates Leroy lettering from the 60's. The headline color is Vandyke Brown which simulates the color of old Brownline prints, but not the odor. The logo is an image of an unidentified Starrett caliper.