



SOUTHERN CALIFORNIA HOME SHOP MACHINISTS

www.schsm.com

Newsletter

April 6, 2024

OFFICERS

President	Douglas Walker
Vice President	Michael Miller
Secretary	Ken Rector
Treasurer	Frank Schettini

COMING EVENTS

May Meeting
May 4, 2024
2:00 P.M.
El Camino College
ZOOM
Meeting ID: 405 927 9043
Passcode: 681409

June Meeting
June 1, 2024

Picnic
June 8, 2024
Mass Fukai Park
15800 Brighton Ave.
Gardena
Normandie Ave. and
158th St.

Preface

The April 6, 2024 meeting of the Southern California Home Shop Machinists was called to order at 2:10 pm by Club President Douglas Walker. The meeting was held live at El Camino College and online via Zoom. Attending were fourteen people present in the classroom and nine present online via the Zoom application. That is 23 total present. There were no visitors this day.

Club Business

Treasurer Frank Schettini presented the financial report. We have \$2,553.63 in the treasury. There are 26 dues paying members.

Bill Heather spoke about becoming a Not For Profit Corporation. Bill and Vice-President Mike Miller are a committee to determine what course we should take in this matter. Bill told of two steps we would need to take. We would need to file an application to be a Not For Profit Corporation with the California Secretary of State. We would need to report to the California Franchise Tax Board. As a corporation we could obtain a tax identification number that will allow us to open a bank account. As a corporation we could buy liability insurance.

Ed: You can find many sites on the www that describe not for profit corporations, how to become one and how they function.

Jim Endsley reported that the club has several heavy duty extension cords for which he has been the caretaker. He asked for affirmation that he should continue in that role and everyone present agreed that he should.

Picnic

The location of the June Picnic has changed from Alondra Park.

Frank Schettini reported that he believes that we have a reservation for a spot in Alondra Park for the June Picnic, but that they have not asked him for money.

President Doug Walker reported that on a recent visit to Alondra Park he found the area we usually use was roped off and the Restroom closed. Doug spoke with a park person there and they said that the area would be closed for the rest of the year.

Doug found another site for the picnic at Mas Fukai Park in Gardena and reserved and payed for a spot for us there. Mas Fukai Park

address is 15800 Brighton Avenue and the park is located between Brighton and Normandie Avenues and 158th and 160th streets.

Presentations

Frank Schettini passed out glass welding lenses to those who wanted them.

Dan Snyder recently purchased a Craftsman rolling tool cabinet at a garage sale. This was a great buy and Dan was even happier to find a Teco Nuzzler edge clamp in the drawer. Dan presented images of the clamp and a 3D model he drew. The tool clamps solidly to a work table, has a dove-tail fitting at the moving jaw and is tightened by a socket head set screw on a diagonal path to wedge against the work. A similar clamp is made by the Carr Lane company. The Teco tool is made from 1018 steel and could be reproduced in the home shop. The complication would be milling the depression in the moving jaw where the set screw bears. A similar clamp is made by Carr Lane and a variation of these is made by Mitee-Bite and features an eccentric instead of a screw thread to operate the clamping jaw. Dan has made this eccentric type of clamp for a project he was working on.



Millar Farewell told about a compressor upgrade to provide clean dry air for his plasma cutter. This will reduce dross and give cleaner cuts. Millar watched youtube videos for ideas and then installed a condenser and water trap between the compressor and tank. This gave a great improvement in the cutting surface and reduced the dross on the underside of the cut. The filter is applied to the entire shop air system, not just the plasma cutter.



Bill Nelson reported on the Maker Fair he attended last month. The Little Machine Shop and the Iowa Maritime Museum had booths. There was a lot of stuff for kids to do and science projects on display. We could have a booth at the next Maker Fair.

Larry Lee showed an AXA sized parting tool holder he made for a 1" height tool. Coincidentally, Matt Rula made a similar tool at the same time.

David Brown reported on ClipGrab, an app to download youtube videos in a variety of video

formats. He also reported on an interesting book titled 'The Globemakers' by Peter Bellerby. The book is about Bellerby learning the craft of making globe maps and the history of globe making.

John Millar told about difficulties brazing with silver bronze braze on .015 sheet metal. There was some discussion about materials and methods.

Matt Rula showed some slides of reducing the size of square tubing to make fixtures to fit the hardy hole in his anvil. He also showed very small (.015) endmills he is using for engraving. He also showed how he clamps a drill press vice in the vice on his Craftsman 4x6 horizontal bandsaw to saw small parts.

Frank Schettini showed a series of videos about the L. A. Times printing press operations.

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 Douglas Walker 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.

You can also attend meetings via the internet using the Zoom application. The zoom meeting ID and Passcode are found in the Comming Events sidebar on this newsletter.

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 groups.io platform , or at kdrhoo@yahoo.com.

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