

SOUTHERN CALIFORNIA HOME SHOP MACHINISTS

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Newsletter

February 3, 1024

OFFICERS

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

COMING EVENTS

March Meeting
 March 2, 2024
 2:00 P.M.
 El Camino College

Picnic
 June 8, 2024
 Alondra Park
 Manhattan Beach Blvd.

Preface

The November 4, 2023 meeting of the Southern California Home Shop Machinists was called to order at approximately 2:00 pm by Club President Douglas Walker. The meeting was held live at El Camino College and online via Zoom. At the strike of the gavel, eighteen people were in attendance in person, with twelve more online. There were no visitors present.

Club Business

February is the month for the election of new officers for the year. The following slate of nominees for officer was presented by the nominating committee.

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

The slate was accepted by unanimous vote and the new officers installed.

President Doug Walker proposed to have a swap meet like table at meetings and there was a discussion. No action was taken.

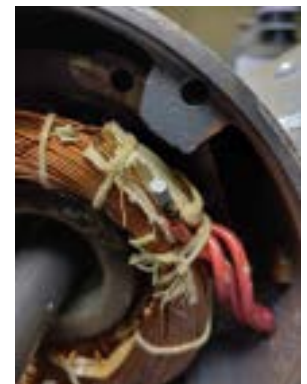
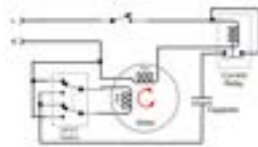
Presentation

Dan Snyder spoke about rewiring a bench grinder to provide a reversing switch. The purpose was to be able to grind tool bits held at the rear of the table with good support. Dan described how he disassembled the grinder and the internal wiring to the coils. He identified the starter coil wire and connected it to a DPDT switch to provide a reverse circuit. He

reassembled the wiring using Scotch 69 Glass Cloth electrical tape and cord. Dan noted that other bench grinders have a reversing switch.

Show and Tell

Bill Nelson told about the Los Angeles Maker Faire to be held on April 6, 2024 at the Los Angeles State Historic Park, 1245 N Spring Street. This is in the northern part of downtown, a little north of Chinatown and



east of Dodger Stadium. There were 180 exhibitors and 20,000 attendees at last years event.

Bill also told about making holders for a recreation of the GALCIT rocket motor built by a group of Caltech students in 1931, being made at JPL.

Ed Ferigen told of a friend with a Bridgeport mill and 2 pallets of tooling for sale in Sun Valley near Roscoe Blvd.

Ron Gerlach told about his trip to the Cabin Fever Exposition in Pensylvania and visiting tool dealers in the east. Ron also visited Windy Hill Foundry which is a foundry that does cast iron castings. He presented video of casting dozens of molds in an assembly line like process.

Frank Schettini showed a retirement trophy he happened upon for someone who worked from 1915 to 1958. The trophy bears a model of a planer like machine that seems to be use to shape reamers. This is a sort of mystery display. Who was this man and what did he work at? He must have been well respected as the trophy is a significant tribute.

John Miller told of his problems with silver brazing. This brought on discussio about temperature and flux and other aspects of silver brazing.

Miller Farewell told about foundry day at Ron Gerlachs where a group got together to do some casting. Millar cast a 10" flywheel and David Brown cast a telescope base.

Eldon Barkley told about a job he did for his son to build a coupler for a micrometer adjuster on an attenuator. The coupler connects the micrometer thimble to a stepper motor with a sliding fit to compensate for the change in length as the micrometer is adjusted in and out. The sliding feature is a square shaft on the stepper section that slides in a square broached hole in the micrometer section.



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.

If you would like to contribute an article to this newsletter or make a comment about the newsletter, contact the editor,