



SCHSM

Southern California Home Shop Machinists

March 1, 2014

OFFICERS

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

The March meeting of the Southern California Home Shop Machinists began promptly at 2:00 pm at El Camino College. President Frank Kozlowski called the meeting to order and asked new visitors to introduce themselves. There was one new visitor, Ray Salman, from Tustin. Ray has an automotive machine shop with lots of equipment in his garage and an additional large shop building. He does work on antique and racing engines. His shop includes several line boring machines and babbiting equipment. Ray said he would be interested in making a babbiting presentation to our group at a future meeting.

COMING EVENTS

April Meeting
April 5
El Camino College

SCHSM Picnic
June 14
Alondra Park

Antique Gas and Steam Engine
Show
July 21, 22, 28,29
Vista CA

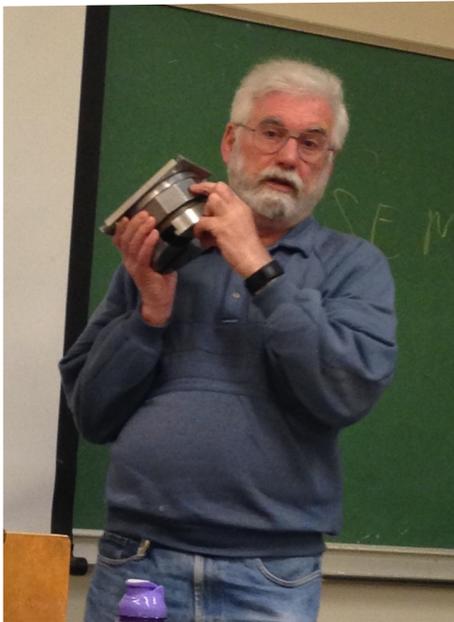
Following Ray's introduction, there was some discussion about loaning club equipment to members. Paul Chretien focused the issue on the club's purpose as a means for members to share resources. The members present voted to allow club equipment to be loaned to members, who would assume responsibility for loss or damage. It was also suggested that we have a file in the Yahoo group where members would list things they are willing to loan to other members.

Jim Endsley spoke about the Antique Gas and Steam Engine Museum Steam Tractor Show to be held on July 21,21 and 28,29 this year. For the last six years Jim has arranged for a club exhibit at the show on one Saturday. Members are encouraged to support the exhibit by showing their machining projects and manning the booth

to tell about the club. Exhibitors are admitted free. Several members wanted to participate. Jim will coordinate with the museum and have more details at the next meeting.

The annual SCHSM Picnic will be held on June 14th this year. Jim Long has reserved our favorite site in Alondra Park, on the south side of Manhattan Beach Blvd. next to the golf course. This is about a quarter mile west of El Camino College, if you want to scope it out ahead of time. The picnic is an all day event with a catered lunch. The highlite of the event will be an steam/air engine performance competition. Engines will be judged by comparing water pumping capabilities. The rules for the engine competition may be obtained by contacting Willie Jordan through the SCHSM Yahoo Group.

Our Sponsor from El Camino College, Ed Hoffman, spoke about two school activities. Next Saturday, March 8th, the school will present El Camino College Onizuka Space Science Day 2014, beginning at 8:00 am. The activities are aimed at serious-minded science students in grades five through 12 but anyone will find them interesting. NASA Astronaut Col. Douglas H. Wheelock will make a presentation to students before they join classroom activities and demonstrations led by El Camino College professors, students, and guests from JPL and other institutions. There will be hands on science activities and experiments and an egg drop competition. Youngsters will get a free lunch provided by InNOut. Ed also told us about the USFirst Robotics Competition to be held March 21-23 at the Long Beach Convention Center. El Camino College Robotics Team will participate with other teams from around the world. Teams build robots to accomplish exact game playing tasks. Visit the web site at www.usfirst.org.



Frank Schettini showed a Schuma-Tech DRO display he built. Frank offered his insights about building or buying DRO equipment of this kind. There was some discussion about types and quality of scales and batteries to use with a DRO.

Ken Rector inquired whether any members were interested in making a field trip to El Mirage Dry Lake for the opening of the SCTA Racing Season in May. The opening meeting is a two day program on May 17,18. Racing starts at dawn so it is best to get there early. This is a chance to see some very interesting and very fast cars running across the dry lake. About seven or eight members were interested. Ken will have more details next month.

The ever popular Show and Tell Sesssion followed the break period. Pat O'Reilly showed an interesting ball turning attachment he is making. He told about details and features of the tool and some of the machining operations, especially the T-Slots.

Lewis Sullivan showed an underbench mounting to accept vices and other tools more normally bolted permanently to the bench. The mounting resembles a trailer hitch receiver and hitch. Lewis explained some interesting features in the mount design. He donated it for auction and Frank Schettini won it for \$35 for the club treasury. Thank you Lewis and Frank.

Bob Heil brought in some auxiliary weights for an Ohaus balance that he gave to Lewis to use when weighing gunpowder.

Jim Endsley showed a reticle level for rifle scope alignment and a slide presentation showing how it is used.

Don Huseman offered a 6inch Wilton vice for sale. Charles Angelis bought it, sight unseen.

Michael Vulpillat spoke for a few minutes about Sketchup, the 3D drawing program. Sketchup has been sold by Google to Trimble Navigation. Trimble says they will continue to offer a free version. Michael suggested you might try FreeCAD (www.freecadweb.org) which is a free 3D modeler as an alternative.



John Miller showed a 4ft long steel adjustable wrench, modeled on a Crescent Wrench, that he is making. This thing is very big and heavy and required some creative mill setups. John's next step is to cut the buttress threads and rack teeth for the moving jaw adjustment.

The meeting closed at 5:00pm.

Contributions and suggestions for articles for this newsletter are welcome, and encouraged. If you wish to contribute, or have a criticism or suggestion, please make it known to the Secretary, Ken Rector at kdrhoo@yahoo.com.

