

SFVW

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APRIL 2018



San Fernando Valley Woodworkers since 1988

<http://sfvw.org/>

Monthly Meetings

Our meetings are held on the 3rd Thursday of each month at 7 PM, at the Balboa Park Sports Complex, Gym Building, at 17015 Burbank Blvd, Encino (see page 3 for map).

Meeting Minutes

by Jim Kelly

Minutes of the San Fernando Valley Woodworkers' meeting, Thursday, March 15, 2018

The meeting was called to order by El Presidente, Marc Collins, at 7:05 PM. Visitors included Mike who is a self-taught woodworker, looking to learn more and Petra who is a pre-school teacher and looking to learn, also.

Announcements/Reports

Bill Peplow announced he is taking orders for club polo shirts at \$30 each without pocket. Pockets are \$5 extra, and names are also \$5 extra. He put out a separate list for name tags which are no charge.

Chuck Nickerson announced the club is buying two safety switches to gift to El Camino High School to attach to their router table routers to simplify starting and stopping the routers.

Jack Robbins announced a group of quilters has given the club a stash of lumber which he has.

Greg Rogers announced that Rockler was having a woodworking show at their Pasadena location on Saturday, March 17.

Gary Willoughby announced that he had candy for sale to benefit a Boy Scout Troop, and he also has some 4 foot LED tubes for use in fluorescent fixtures after removing the ballast. He got a great price through a bulk purchase.

April Challenge

Something that uses magnets.

Our President says...

by Marc Collins

Hi All,

It's been a great year so far and I can't wait to see you all again! A big thanks to Jim Kelly for an extremely insightful discussion on his stool build. I love having outside speakers, but I think I might enjoy presentations from our own members even more! I find it inspiring to see fellow members expanding their skill-set and working to pass that knowledge on.

Hopefully, we are all striving to learn new things. I've said this before, but I do think it's important that you push yourself on the skills that you can perform. We will of course make mistakes, but working on new techniques is one of the best ways to improve your craft. Push yourself, within reason, beyond what you are comfortable with and you will find that you will probably do better than you thought you would. At the end of all of it, you will make yourself a better woodworker.

Have a great week and we'll talk to you at the April meeting!

Best Regards,

Marc

El Presidente

Eitan Ginsburg announced that he is, by popular demand, organizing another Petersen tour in the May-June time frame on a Saturday.

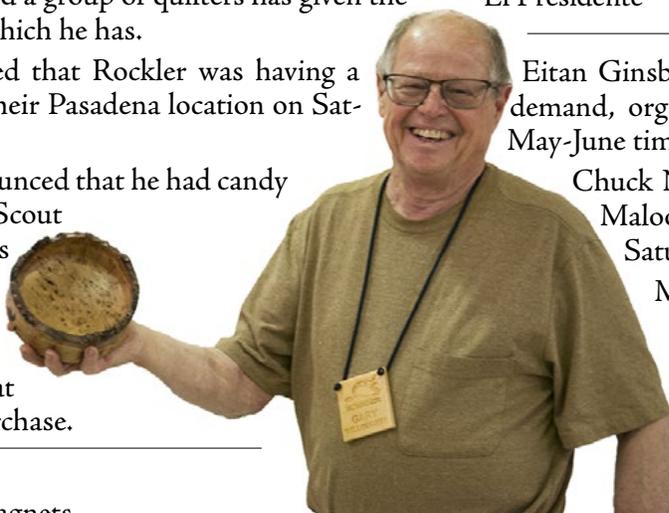
Chuck Nickerson is looking into a tour of the Maloof compound in July. He'll offer two Saturdays from which we can chose.

Marc Collins announce he will set up a

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April's Meeting

Using a CNC machine to make furniture



Who We Are

The club was formed in 1988 for the purpose of enhancing skills, providing information and sharing the joys of working with wood. The membership reflects a cross section of woodworking interests and skill levels - both hobbyist and professionals. Annual dues are \$35. Full-time student dues are \$15.

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shop tour for a Saturday in September

Program Report

Chuck and Marc announced that this evening's program would be Jim Kelly on building a Rogowski stool; April



will be on using CNC to make furniture; May will be on finishing; June will be on glue up strategies; July will be on storage solutions; and in the Fall Calvin Sov will describe and maybe demonstrate using a handheld CNC. There was some discussion about having the toy contest be the program for November or have it as Show and Tell. No firm decisions were made.

Treasurer's Report.

Chuck Nickerson reported that we are solvent.

Toy Committee Report

Jim Kelly reported the committee had had its first meeting and commitments were made to lead efforts to build 150 sets of four small trucks, so a child could have a friend over to play trucks and they would both have trucks
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Club Officers

President:	Marc Collins	(310) 902-7005 marc_collins@hotmail.com
Vice President:	Jeff Bremer.	(310) 740-6892 jabremer@msn.com
Secretary:	Jim Kelly	(323) 254-0837 jimkelly@earthlink.net
Treasurer:	Chuck Nickerson	(818) 635-1175 chuckn@srar.com
Photographer	Calvin Sov	(714) 457-8910 calvin_sov@yahoo.com
Publisher:	Gary Coyne	(626) 799-4196 gary@thecoynes.com
Librarian:	Open	(626) 666-6666 needone@needy.com
Program Chair:	Jeff Bremer.	(310) 740-6892 jabremer@msn.com
Web Master:	Ed Sheanin	(818) 346-6732 ed@sheanin.com
Toy Chair:	Jim Kelly	(323) 254-0837 jimkelly@earthlink.net
Toy Club Sec	Duncan Valore-Kemmerer	(323) 788 8174 duncanvk@gmail.com
Toy Distribution:	Sheila Rosenthal	818-653-4847 sheiladeee@yahoo.com
Refreshments:	Nina Dusedau	(201) 913-6151 ninasnotions@gmail.com

From The Design Group

The SFVW's new subgroup: **The Design Group** was held on 3/22. The 2nd meeting of the SFVW Design Group included discussions of perspective, joinery for curved table legs, and other construction techniques. The next meeting will be 4/26.

San Diego County Fair

Due to a scheduling conflict, Bill Peplow cannot organize this year's train journey to the San Diego County fair. For many years we've met at Union Station and taken the train down to San Diego to see the excellent craftsmanship on display from many excellent woodworkers in their competition. After returning to LA, people walk to Philipps for dinner.

If someone else is interesting in organizing it this year please step up and let people know at the April Meeting.



Balboa Recreation Center Location
Map courtesy of Google Maps

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with which to play; 162 hand mirrors; 200 cradles all for 12-inch dolls; 50 small boxes and 75 treasure chests; 100 yo-yos; and 100 block trucks. We also need someone to lead the effort to make white boards of which we usually make 142. Anyone interested in joining the committee in any capacity is encouraged to let Jim know.

Questions

Jeff Bremer asked if it was necessary to spread glue on both boards when edge gluing. The consensus was doing so ensures the strongest bond.



Jack Shelp noted that SawStop is now offering a cast iron router table that bolts to the saw table in place of an extension. It appears to require drilling some holes and he was wondering if anyone had any information on this. It was recommended he go to Rockler on Saturday and ask the SawStop rep who would be there for the show.

Chuck Nickerson commented that Freud’s specialized blade with anti-kickback features is not recommended for use on SawStop machines.

Armen asked about recommendations for a CAD program. SketchUp was recommended because there is a free

version (<https://tinyurl.com/ybpdwj8b>). Gary Coyne also recommended MacDraft (or PCDraft depending on your operating system) (<http://www.microspot.com/products/index.htm>). Gary finds it much easier to use than SketchUp but it’s not free. Jeff Bremer offered to do another SketchUp tutorial and Gary Coyne offered to do a MacDraft (or PCDraft) tutorial.



Calvin Sov used double sided tape to hold two pieces together for working and can’t break the bond. It was recommended he use denatured alcohol to counteract the adhesive.

Mike asked how he could use his SkilSaw to make accurate cuts. It was suggested he make a runner of hardboard or MDF with a straight guide fastened to one side. The gap between the guide and the edge should be slightly bigger than the distance between the blade of the SkilSaw and the furthest side of its foot. Run the edge of the foot along the guide and cut off the excess. Now to make a cut, line the trimmed edge on the line along which you want to cut, clamp the guide piece in place and cut. Mike also asked about how to prevent glue-ups from warping. It was recommended he place the glue-up on stickers to allow even air circulation over all surfaces.

Mike Wells said he is making some benches for a junior high beginning woodworking class. He has considered Nicholson and Moravian benches and asked for suggestions. It was recommended that he use 12 by 2 lumber, as it will yield better quality pieces than smaller lumber which typically has more defects.

Chuck Nickerson asked for suggestions on adjusting a fly circle cutter. Calipers were recommended. He also discussed adjusting a segmented circle, if the angle was slightly over sized and there is an even number of segments. Glue up the two halves and cut straight across each and then glue the halves together.

Gary Coyne found if the interior angle of his segments were slightly too large, he could use a small piece of masking tape at the heel as a spacer and re-trim a few of the boards using the original miter setup to get the pieces to fit perfectly.

Jeff Bremer mentioned always making a backup for any

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Upcoming Wood-related Events

Jim Kelly

1. San Diego County Fair is coming up June 1 – July 4, 2018. The entry deadline for the Design in Wood exhibit is April 27. Submissions are online at www.sdfair.com.
2. Orange County Fair is also coming up July 13 – August 12, 2018. Entry deadline is June 1. For more info see www.ocfair.com.
3. The California State Fair Best in Wood Show will be July 13 – 29, 2018 and is open to all California residents. Entry forms will be available soon at www.castatefair.org.
4. "Popular Woodworking" magazine is sponsoring a Workshop Makeover Giveaway with a grand prize of \$11,000 worth of tools. Entry deadline is May 31. Details at: [www.popularwoodworking.com/winshop#/#/](http://www.popularwoodworking.com/winshop#/).
5. The American Association of Woodturners is holding a symposium in Portland, OR June 14-17. Info at: www.woodturner.org.
6. The Society of American Period Furniture Makers will hold its Spring Seminar at Cerritos College, April 27-29. Contact Brad Ormsby for info at bormsby@sbcglobal.net.
7. The Southern California Violin Makers will hold their Summer workshops June 4-8, 11-17, and 8-22. For info, see: www.scvmw.com.
8. The Handmade Musical Instrument Exhibit will be held April 28-29 at Marylhurst University, near Portland, OR. For info, see www.nwmusicalinstrumentshow.org.

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patterns he uses. He found he could avoid grain issues by sandwiching the work piece between the pattern and its backup and following the grain, flipping the stack when the grain shifted.

Gary Coyne suggested an alternate approach for avoiding the alignment headaches by placing the pattern bit on one side of the project (with 2-sided tape) and using a pattern router bit with bearings on top and bottom, flipping the project over as necessary and raising/lowering the bit to engage the other bearing on the pattern. That way you are always routing with the grain and cannot get grain blow-out.

Show & Tell

Calvin Sov showed a Bessey lever clamp, stating they offer a better deal than on a similar item at Woodpeckers.

Gary Willoughby showed a bowl with a natural edge he had turned from a walnut burl. Burls are tricky to turn and can fly apart. Sharp chisels are mandatory.

Marc Collins showed us a leg for a bed he is building and the pattern he used to finish shaping it.

On the Web

Multi day Sketchup symposium class in Palm Springs.

<https://tinyurl.com/yb4odn39>

Marking on board tips

https://youtu.be/_ugkCBG1PSY

This year there were many April 1st announcements. While this is by no means all of them, it's a bunch.

Board Stretcher

<https://youtu.be/bgS6-O2APWY>

Woodworker's Journal

<http://www.woodworkersjournal.com/category/weekly-latest-issue/>

New Table saw fence

<http://www.woodworkersjournal.com/rogger-table-saw-picket-fence/>

Wood restoring

<http://www.woodworkersjournal.com/restoring-furniture-back-original-form/>

Working out with woodtools

<http://www.woodworkersjournal.com/work-sweat-sawdust-new-dvd/>

Challenge

The challenge for April is anything to do with magnets.

Program

Jim Kelly described the making of the stool which he brought in. It was build over a week in the shop of Gary Rogowski in Portland, OR. There were eight or nine total students in the class. The first step was selecting the four legs of the stool. The legs were marked according to the numbering system Gary has developed and then cut to finished length using miter gauge, an angled blade and a stop block on the tablesaw.

Next the class made templates for the legs, laying out the shape from a master template, cutting close on the band-saw and then bringing to final shape using spokeshaves and scrapers. Next 3/4 - inch holes were drilled into the top of each leg at the drill press using a right-angle jig. Then the curved shape of the seat was marked on the edge of the slightly oversized half-seat blanks and the shape was cut out using the band saw. The edges to be glued were then jointed before gluing. Using plunge routers with 1/2 - inch straight bits and edge guides, the mortises were cut into the legs, using a supplied jig.

The following day, the seat blank glue lines were scraped, the bottoms flattened, and the blanks cut to final size on the tablesaw. The final shaping of the seats was done suc-

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Group Trip to the Petersen Automotive Museum

by Eitan Ginsburg

On Sunday, May 6, our woodworking group is going to visit the Petersen Automotive Museum. The current major exhibits include:

- The Porsche Effect
- The High Art of Riding Low
- Seeing Red: 70 Years of Ferrari
- Custom Revolution: Hand-Built Motorcycles
- Sidewalk Speedsters - Powered Children's Race Cars

As well as cars old and new, Hollywood favorites and the Vault. Go to www.petersen.org to see more about the Museum and the exhibits.

The Petersen is located at 6060 Wilshire Blvd., at the corner of Wilshire and Fairfax. We'll meet at the museum by 9:45 and the museum opens at 10:00 AM. You can have lunch at the restaurant in the Museum (Drago Ristorante) or go to one of the restaurants just down the street. Those who want more automotive heaven and history can add a Vault tour (even more Porsches, cars of Hollywood, world leaders, hot rods, brass era, race cars, customs...)

I've arranged a group rate of \$11 per person (free if you are a member, the standard adult rate is \$16, \$13 for seniors) and you are welcome to bring a spouse or other guests (however I'd suggest visiting with children on a different occasion, so they can benefit from visiting the museum at their own pace and with your full attention). The guided Vault Tour is \$20 in addition to general admission. For tickets, please send a check payable to Eitan Ginsburg, 23410 Berdon St., Woodland Hills, CA 91367, by April 30. [Yes, if you have to cancel you can get a refund.] If you have questions, please email to eitan.ginsburg@gmail.com.



For Free

Henry has a number of pieces of unfinished wood molding he wants to get rid of. If anyone has a use for them, they are free. The SFVW doesn't know the species.

There are 18 pieces, most 8 - 9 feet long, a few shorter.

Contact Henry at ricehj@pacbell.net



cessively by a disc sander with 30 grit sand paper, a spokeshave, and a scraper. The bandsaw was then used to cut the



shapes of the outer leg surfaces. This changed the stub mortises cut the previous day to through mortises. The rough bandsaw cuts were smoothed by pattern routing and finished with spokeshaves, scrapers and

sandpaper as needed. Next the cheeks of the stretcher tenons were cut using a ramped jig on the bandsaw and the tenon shoulders were cut by hand. Using an angled backer board, the shoulders were then cut to final length on the router table. The tenons were sized to final shape using hand tools. Relief holes were drilled in each tenon at the drill press and the wedge slots were cut on the bandsaw. The wedges were cut at an 8° angle using a jig on the bandsaw and planed to final width. Three of the four edges of each leg were rounded using the router table and an $1/8$



– inch roundover bit. The fourth edge was relieved using sandpaper.

Next a pattern was used to mark the stretchers and the bandsaw used to rough cut the curves, before pattern routing to finish them. After the stretcher surfaces were all smooth, the edges were rounded over at the router table. Then it was time to glue up leg/stretcher half-sections, using pipe clamps and special cauls to bridge the through ten-

ons and account for the angled splay of the legs. After five minutes of setup time, the clamps were removed, and the wedges driven home, before re-clamping for an additional hour. The next day, the two base halves were glued up using the other two stretchers and the same procedure. After an hour plus curing time, the clamps were removed and it was time to trim the through tenons flush, using first a hand-saw, then a spokeshave and finally a scraper.



Now attention is turned to the seat. First was to trace the pattern for the front and back relief on the seat and then cut it on the bandsaw, finishing the smoothing with hand tools. The edges adjacent to flat surfaces were rounded over using the router table, the others using sandpaper. Dowel centers are placed in each leg, the seat center on the legs and a rubber mallet used to mark the location of the dowel centers on the seat bottom. It was then necessary to use bevel gauges and squares to transfer the location of the dowel centers to the top of the seat. Once this was done, the centers on the top were marked with an awl and the $3/4$ - inch mortises were drilled on a special jig on the drill press. Relief holes were drilled in the dowel tenons at the drill press and wedge slots were cut on the band saw. The tenons were then coated with glue and driven into the legs.

A plywood clamping table was used to support the base and several helping hands spread the legs so that all four tenons were started and then the seat was driven home, and four pipe clamps were applied using special cauls that bridged the through tenons. After five minutes, the clamps were removed, and wedges glued and driven home. It was then time to finish trimming the through tenons, so they were flush with the seat surface. The final check in the shop was to check if the legs were all sitting flat or if one was a little long due to the racking in fixing the seat to the legs. This was done by sitting the stool on the table saw table and checking for wobble. If there was wobble, the long leg was determined and successive passes were made over the spinning blade that was raised to about $1/64$ – inch until the wobble was gone. Then take it home, finish sanding, and apply finish.