



CHIPS & Chatter

WWW.SVWOODTURNERS.ORG

THE SILICON VALLEY WOODTURNERS' NEWSLETTER

COMING UP!

Home & Garden
Show
February 25-27th

Meeting: Malcolm
Tibbetts: Segment-
ed turning. March
2nd, 6:30 PM!



The Stave Turnings of Jim Rogers

Jim Rogers of BAWA has turned and taught full time since 2001, and his work is featured in five galleries. He practices a special form of segmented turning called "stave turning".

Jim says there's not much written on stave turning, but there are a number of books on segmented turning. He thinks the best is Malcolm Tibbetts' book, published by Linden Publishing in Fresno. It's called *The Art of Segmented Woodturning*. Rich Johnson will carry the book.

The process

Segmented vessels are built in different ways. Jim showed one that involved segmented accent rings with the bulk of the bowl in solid wood. Stave segmented vessels use a few pieces glued vertically into a single ring, then hollowed. There's software on the market to make the cutting calculations required. Packages vary from \$20 to \$90, depending upon the amount of frills.

Jim starts by drawing a profile of his piece, marking inside and outside diameters to calculate the stave thickness that will en-

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Did y o u make t h e

Alan Lacer Demo?? For a NON SPINDLE guy I found it very interesting. I have been told by some attendees as well, "GOOD JOB!" I have a lot of experience with the woodturning world and when some of

that world comes by and touches ours I always find it amazing to see what other people are doing. I hope it is the same with you. I think Alan did a good job and covered all the levels of our experience and involved everyone. He is truly the master of the SKEW.

So, "What's next??" Malcolm Tibbetts will be at our next SVW Meeting for a demo. Here is his Artist Statement:

Segmented woodturning is an art form with few limitations. By combining components, I can create just about any

shape or size and by arranging different wood species, I can create just about any type of surface design. There are few art forms with this much freedom. This lack of restriction keeps my mind engaged contemplating the possibilities. Long before I have finished one piece, my mind is busy designing and solving the technical challenges of my next project. I have always loved working with wood and this art form gives me the opportunity to work with woods from around the world. It thereby gives me the opportunity to share these wonderful materials with many people. Beautiful wood is almost a magical substance; gallery visitors experience an uncontrollable urge to touch the surfaces that I have created using these treasures of nature. Many designs require innovative assembly solutions, much like puzzle solving; and just like the joy of solving a puzzle, there is great joy in inventing assembly techniques. I do what I do because "it's fun" - the designing, the joy of working with wood, the puzzle solving, and the inter-action with other people.

This will be a demo all should see. We will start early (6:30 PM) this time so do not be late. We will do the Show & Tell and the President's Challenge first, then the DEMO featuring Malcolm Tibbetts.

Next month...

Join us Wednesday, March 2nd, at 6:30 P.M., as Malcolm Tibbetts talks about segmented turning.. Location: Rich Johnson's Woodturning Center in San Jose.



Rich's Center is located behind his home at 14979 Joanne Ave., San Jose. From Hwy. 680, take the McKee Road exit East about 1.5 miles to Toyon Ave. Turn left and go 0.6 mile, turn right onto Joanne Ave.

Bring your chair and items for Show and Tell. We all learn together.

PRESIDENT'S CHALLENGE: BROKEN/REPAIRED

Rich

President's Challenge and Show & Tell



FLOWER HOLDER

President's Challenge

Rich Johnson made a sycamore open bowl with a natural edge, sporting a carved false plate beneath. He finished it with Deft.

Phil Roybal wrapped a partial olive hollow form around a glass vase and banded it with textured steel. He finished the piece with Watco and wax.

Ayman Sayed brought a myrtle vase, band sawed into a curved edge, and finished with 50% Deft.

Jim Gott (in absentia) sent in a redwood burl vase with a glass insert. The burl featured a burned natural edge.

Tom Donnelly brought madrone and spalted maple vases, each finished with tung oil.

Dick Pickering showed off a flower holder "homage" with three tee-shirt burned edges, made of mystery wood.

Michael Wiley presented a red oak vase with a steel frog insert. Finished with spray lacquer.



Clockwise from top left: Rich Johnson, Jim Gott's vase, Tom Donnelly, Michael Wiley, Dick Pickering, Ayman Sayed, and Phil Roybal.

Continued on page 4.

Challenge continued from page 3.



Lloyd Frisbee showed us a pot-pourri bowl of silver maple, with a decorative steel top.

Rebecca Frisbee made a patootie vase of maple, with wire burned marks, finished with Crystal Coat.

Steve Rosenthal showed off a vase of mystery wood, probably ash, hollowed with the ball mill hollower he brought to a Sawdust Session.

Mike Rude showed a ray wood ash vase, with chattered base, finished with Deft.

Rick Parfitt showed off three tiny vases of cocobolo with shellac, made on his new old lathe.

Michael Wiley and Rick Parfitt won the President's Challenge raffle.

Clockwise from top left: Lloyd Frisbee, Mike Rude, Rick Parfitt, Steve Rosenthal, and Rebecca Frisbee.



Continued on page 5.



Show and Tell

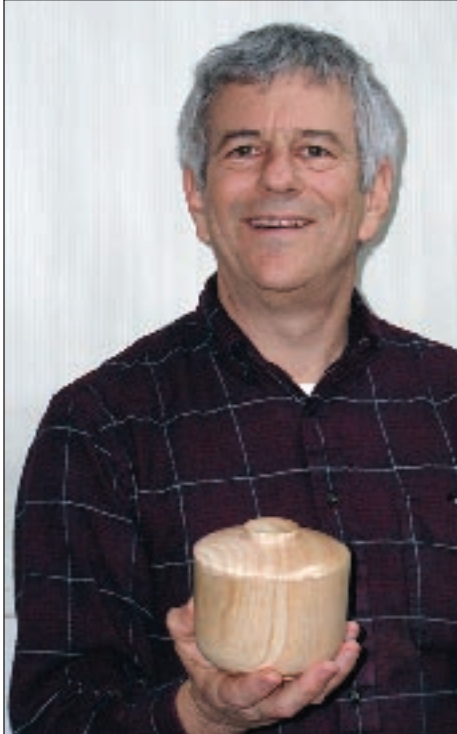
Tom Donnelly brought an “homage to sensei” (a tribute to Rich Johnson): a natural edge bowl on plate, made of myrtle and finished with sanding sealer and 50% Deft.

Steve Rosenthal brought a covered box, hollowed with his ball mill hollowing tool. It’s made of ash, unfinished.

Mike Rude brought a pair of walnut salad bowls, both cored from the same blank, turned, soaked in mineral oil, and buffed with beeswax.

Rick Parfitt presented a blank cylinder of walnut. He plans to cut it in half and make two bowls, so he came for advice about the next step.

Clockwise from top left: Tom Donnelly, Mike Rude, Rick Parfitt, and Steve Rosenthal.



MENTOR PROGRAM

Our Mentor program includes four volunteer mentors. Contact Phil Roybal to join the list. Members who need some help (but not formal lessons) can contact:

Rich Dege	(408) 272-8122
Jim Gott	(408) 265-9501
Rich Johnson	(408) 254-8485
Phil Roybal	(408) 255-4789

Continued from page 1.

close those diameters.

Next, he picks the number of segments. He usually uses twelve, but other numbers work. He always uses even numbers so he can glue up half rings, true them on the disk sander, and put them together in a true circle. He determines the segment edge length next. He divides 360° by the number for segments to find the included angle of each segment. Half that number gives the cut angle for a segment side. The segment edge length times the number of segments gives the circumference of the bowl. He has sleds for common angles, carefully tuned up to cut accurate angles.

Cutting segments accurately is the big challenge. "If you can see a gap, glue won't fix it," says Jim. He cuts pieces on a bandsaw with a 5/8" Hastings, thin kerf, no set saw blade designed for such applications. It leaves a cut almost good enough to glue. It's expensive and made of carbon steel. He uses it only for cutting segments.

Jim makes a custom cutting frame that he screws the billet into for his cut. He uses an accurate Bridge City Toolworks protractor to set his bandsaw cut angle. Once a segment is cut, he trues it on a belt sander, puts it together with a pack of others, and checks the angles. If the fit needs altering, he takes a little off each segment so the alteration doesn't show.

Next, Jim separates the staves with veneers if the design calls for them. He buys veneers from Certainly Wood. He uses Marfam for black since he can't get ebony veneer. He uses "backer" maple, the cheapest available, for light lines.

Jim points out that veneers try to slip as the pieces come together, and their movement has to be restrained to keep the veneer lines in place. If he needs multiple elements between staves he makes up packs of solid and



Top to bottom: Segment cutting sled, and staves ready to turn.

veneer pieces. He glues up the packs separately because it's too hard to manage otherwise. With or without these additions, he applies Tightbond II glue to the pieces with a putty knife for speed, wraps the stave assembly with blue painter's tape and binds it into a cylinder with large hose clamps.

Once the pieces are glued, he mounts the assembly between a live cone center and a large redwood cone center held in a chuck, and turns the outside from the widest part down toward the tailstock. Then he reverses the piece and turns the other side.

He turns a tenon at each end of the assembly, grabs it in the chuck, and hollows the assembly from each end.

Jim does his final sanding with the grain. He doesn't use shellac or lacquer if the piece includes padauk

because their solvents extract the red and it bleeds into maple. He uses urethane and tung oil because these don't cause bleeding. He does seal the insides with shellac.

Marketing thoughts

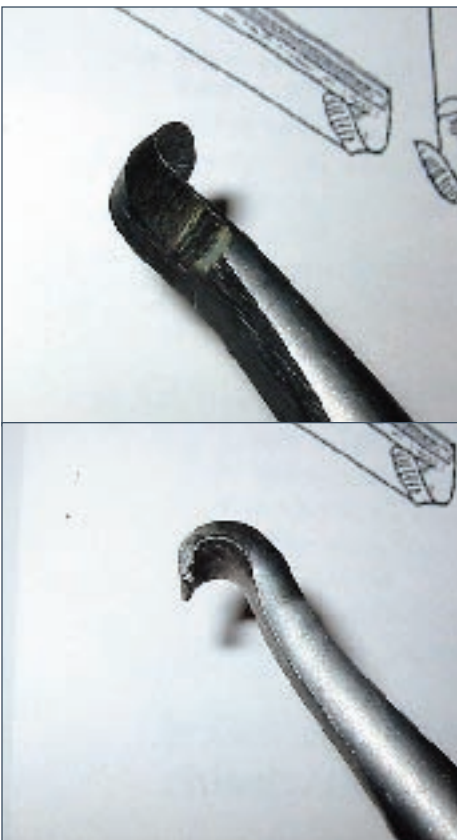
Jim turns his walls thicker toward the bottom of a piece to keep weight low. While turners value thin walls, the public could care less. They do care about how the piece feels in the hand, and whether its actual weight matches its perceived weight.

He finishes turnings with paste wax because of the tactile quality it gives. He's found people want to pick up glossy pieces but are reluctant to pick up matte finished pieces. He tells us the pin-striped vase he showed might sell for a couple hundred dollars. The cherry piece with mismatched staves, if done perfectly, might retail at \$300.

Jim likes the problem solving, patience, and accuracy requirements of segmented turning. He enjoys having to think about things, taking his time. His web site, www.jlrogers.com, gives more information on how to make staved turnings.



GUEST ARTIST



Noted turner and master of the skew chisel Alan Lacer joined us February 6th to demonstrate his tool techniques.

Alan showed us why skews dig in and how to prevent it. He presented a modified cup center he uses to drive small turnings, to minimize the damage a dig can cause. He also showed an MDF honing wheel he uses to put a razor edge on his skews.

Alan didn't turn much, though he did produce a lidded box in the afternoon. But the demo that attracted the most interest was his creation of a hook tool for end grain hollowing. He made it on the spot, from O1 steel, then hardened, tempered, ground, and used the tool. It inspired a lot of interest in tool making, and 19 people turned out at Phil Roybal's shop tour to make just such a tool in Phil's forge.



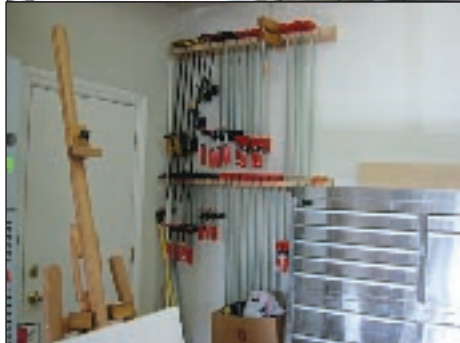
Clockwise from top left: Alan shows his mighty skew, a box on the lathe, the MDF honing wheel, a modified cup center, and two views of the Lacer hook tool.

SHOP TOUR!

Chips & Chatter introduces Shop Tours: visits to members' shops. This month we visit the man who had the tour idea, Program Chair Ayman Sayed.

Ayman dedicates a two-car garage to shop use. His neat and well-lit shop handles turning as well as general woodworking. It features a dust collection system for major tools, and storage for both planks and turning stock. A table saw outfeed table on wheels houses drawers for small parts, while wall storage and a roll around tool chest organize Ayman's tools.

Contact Ayman to put your shop on the Tour list.



Clockwise from top left: Ayman and his OneWay lathe, Tony Bryhan behind the table saw, turning tools, outside wood storage, clamp and tool storage, interior wood storage.



Phil Roybal Secretary/Editor (Member since 1999)

Phil says: "I'm an engineer by training, but spent my career in high tech marketing, mostly with start-up operations. I'm now semi-retired, and when I'm not making chips (or sparks) in the shop, I volunteer at Monta Vista High School, helping teach wood-working and mentoring the robotics team. I've been married almost 34 years, and have a daughter at UCLA and a son at Monta Vista. My wife, Julie, shares the shop with me."

Q. What lathe do you use?

A. *I use an Omegatools Stubby 750. It has a 1 1/4"-8 spindle thread, and can swing 30" with the bed pulled out. I also have a Smithy Granite for metal turning. It swings 14".*

Q. What do you like to turn?

A. *I enjoy turning bowls and boxes primarily, though I've dabbled in*

other areas.

Q. What is your favorite wood or other medium to turn?

A. *I like to turn Cocobolo, Walnut, mahogany, and maple.*

Q. What are your favorite turning tools?

A. *My favorite tool is my Glaser 1/2" bowl gouge. I also like my Lacer 1 1/4" skew and my P&N gouges. I also make some of my own tools.*

Q. What types of finishes do you use?

A. *I finish most of my pieces with Watco and wax, after sanding to #600.*

Q. How long have you been turning?

A. *I've been turning about 5 years.*

Q. What got you started in turning?

A. *I usually take a summer wood-*

working class, and one summer I took one on basic turning from Ernie Conover at Conover Woodworking. He got me hooked.

Q. Who's influenced your style?

A. *I'm influenced by everyone I see. Graeme Priddle, Michael Hosaluk, Andi Wolfe, and Michael Lee have all helped change my work for the better.*

Q. What would you change about the club to improve it?

A. *I'm very pleased with the energy in the club, and get a lot from it. I would like to get more people involved with the work of running the club.*

Q. What would you like to learn or try to turn?

A. *I'm interested in turning techniques, decorative techniques, and finishes.*

Q. What would you like to see as demo subjects at future meetings?

A. *I'd like to learn about combining wood with other elements in turnings.*

Q. What other interests do you have?

A. *I have a range of interests including blacksmithing, enameling, tool-making, machining, general wood-working, Tai Chi, physical fitness, and computers.*

Editor's Note: If you'd like to be featured in PROFILE, fill out the questionnaire on our Yahoo site and return it to Lloyd Frisbee.

STAFF REPORTS & BUSINESS

RICH JOHNSON (PRESIDENT)

The Peninsula Home and Garden show is the 25th-27th of February. Sign up to staff the booth in the Database section of our Yahoo group site.

We'd like to boost our treasury, and are looking for ideas to make money for the club.

AYMAN SAYED (VP/PROGRAMS)

Ayman hosted a very successful kick-off to our Shop Tour series, and is looking for hosts for future tours. We'd like to do one each month. Contact him to get on the schedule.

Malcolm Tibbetts will demo at our March meeting, and we will start at 6:30 PM to give him more time. Even though we have to pay Malcolm, we will not charge members for this meeting.

Upcoming events include:

- 4/6 Dewey Garrett
- 5/4 Top night
- 5/7 Christian Burchard demo
- 6/1 David Verney
- 6/12 Neil & Liz Scobie demo

CRAIG THORSON (TREASURER)

INCOME

Membership	\$200
Apparel	\$30
Library	\$6
Raffle	\$23

SPENDABLE BAL. \$1088.76

Save your Woodcraft receipts for Craig, who can use them to earn discounts for the club.

PHIL ROYBAL (SEC'Y./ED.)

A new photo roster is now available in our Files section

BOB BOWERS (APPAREL CHAIR)

Bob has hats, shirts, and patches, both sew on and iron on.

OTHER BUSINESS

Special Raffle

Jim Keller was to have brought the special raffle prize to our January and February meetings, but has not done so yet. He needs to bring it to the March meeting. Meanwhile,

Ayman contributed an inside caliper, which was won by Norm Burkhardt.

Home and Garden Show

The next Home and Garden Show is in San Mateo on February 25-27.

New Faces

New member Harry Levin of Livermore joined us. He has dual citizenship, being the program chair and VP of BAWA.

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FOR SALE

Andi Wolfe style scrapers

*...a joy to use.
I love it!*
Ayman Sayed

1" A2 blades, steel shafts, walnut handles, immaculate finish, honed and ready to use. \$45
Round A2 blades \$15


Phil Roybal
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CALENDAR

FEBRUARY

25-27TH

Peninsula Home & Garden Show, San Mateo Convention Center.

MARCH

2ND

Regular club meeting at Rich Johnson's Turning Center. Malcolm Tibbetts will demonstrate. MEETING STARTS AT 6:30 PM!

APRIL

6TH

Regular club meeting at Rich Johnson's Turning Center. Dewey Garrett will demonstrate.

22nd-24th

Santa Clara Woodworking Show.

MAY

4TH

Regular club meeting at Rich Johnson's Turning Center. Top Night!

7TH

Christian Burchard all-day demo at Rich Johnson's Turning Center.

JUNE

1ST

Regular club meeting at Rich Johnson's Turning Center. David Verney will demonstrate open segmented turnings.

12TH

Neil and Liz Scobie will demonstrate turning and decorative techniques.

15TH-18TH

Craft Supplies Day and Utah Symposium at Brigham Young University in Provo, UT.

IRONMAN

Ironmen are those who complete all 12 President's Challenge projects for 2005. Those who meet the challenge are recognized for their efforts with distinctive IRONMAN name badges.

A green bar in the chart below means that a person has completed the President's Challenge project for the month indicated.

If you missed the January meeting, it's not too late to get in the game. Bring your Turned Name Badge to the February meeting and show it off.

	J	F	M	A	M	J	J	A	S	O	N	D
Bob Bowers												
Tom Donnelly												
Lloyd Frisbee												
Rebecca Frisbee												
Jim Gott												
Herb Green												
Rich Johnson												
Harry Levin												
Rick Parfitt												
Dick Pickering												
Steve Rosenthal												
Phil Roybal												
Mike Rude												
Ayman Sayed												
Michael Wiley												