



CHIPS & Chatter

THE SILICON VALLEY WOODTURNERS' NEWSLETTER



**May 2nd
Program
Top Night!**

Mark on Sharpening



Mark Koenig presented a descriptive lecture on initial shaping and sharpening of woodturning tools, particularly the bowl gouge, at the April 4th meeting. He began by describing the three basic flute designs utilized in bowl gouges; the "U" flute: straight sided with a "U" shaped bottom, the parabolic, or "Superflute" :which has a continuous curve and the "V" shape: straight sided with a sharp curve at the bottom. Mark feels

the "U" shape is best only for "bottom feeder" gouges while the parabolic flute presents the least sharpening challenges and allows good chip ejection. He is not a fan of the "V" shaped flute.

The next consideration he illuminated was the choice of nose angle. Some professionals, such as Stuart Batty, are proponents of the "40-40" grind, where the nose angle and wing sweep angle are 40°. David Ellsworth is at the other end of the spectrum with a nose angle nearer to 65° and long wings. Mark prefers a 55° nose angle and, as Glenn Lucas recommends, wing length equal to tool diameter; a 5/8" diameter gouge's wings would be 5/8" long.

Mark strongly advocates the use of a sharpening jig; A Tormak slow speed system, a Oneway Vari-Grind or Woodcut Tru-Grind jig or a Robert Sorby Pro-Edge belt grinder. Of these systems, the Oneway Vari-Grind or Woodcut Tru-Grind jigs are the least expensive and most widely used.

Mark demonstrated use of the Oneway jig and spent time explaining the relationship between the pivot bar set back, the tool projection and the leg angle. By following recommended dimensions and angle settings these jigs allow consistent reproduction of the tool grind, which, in turn, reinforces muscle memory as the tool will cut predictably.

Continued on page 6

In This Issue	Page
Mark on Sharpening	1,6
The President's Turn	2
Calendar	3
Meeting Minutes	4
Trent Bosch Flyer	5
Adjustable Jig for Ellsworth Grind	7-10
Collin's Corner	10
President's Challenge	11-14
Show & Tell	15-17
John Jordan Photos	18
Club Notes	19
Ironman Stats	20
Sponsors	22
For Sale	23

The President's Turn



Spring Cleaning

The weather is starting to warm up and I have started some spring cleaning in the shop. (For those of you that have seen my shop, you know it certainly needs it). I am starting with doing *something* with all the wood that has been sitting there and going to ruin. My goal is to either make something with it or get rid of it. (Some of it will go to the school as pen blanks or spindle blanks). Then, moving forward, I hope to have the discipline to only harvest what I can immediately process. We will see how that goes. It is really hard to say no to more wood.

Helping the club

Earlier this month I sent an email asking for someone to step up to help organize the annual picnic, and I will repeat the request here. If you watch at the club activities, you will see that it is always the same folks that step up to take care of things for the club. This is great, but we need more people to step up! The willingness of people to help make things happen is the secret sauce to making the club the dynamic and fun organization that we all enjoy.

Presidents Challenge.

The challenge this month is Top or Toy. Of course, the program is the Top competition. There are going to be many categories so there will be lots of winners so spin up the lathe and create your winning top!! Can you beat the club record of 27 ½ minutes in the unlimited category?

One good turn deserves another.

Paul

2018 Calendar of Events

January	February	March
Meeting: Wed. the 3rd	Meeting: Wed. the 7th	Meeting: Wed. the 7th
President's Challenge:	President's Challenge:	President's Challenge:
Turned Name Badge	Thin Walled Bowl	Lidded Box/Peppermill
Program: Dennis Lillis	Program: Mark Koenig	Program: Cindy Navarro
Green Thin walled Bowl	Lidded Box/Peppermill	Reconstructed Utensils
		Rudy Lopez 3/10
April	May	June
Meeting: Wed. the 4th	Meeting: Wed. the 2nd	Meeting: Wed. the 6th
President's Challenge:	President's Challenge:	President's Challenge:
For the Kitchen/not bowl	Top	Coloring a Turned object
Program: Sharpening	Program: Top Night	Program: Sanding
Turn-N-learn		Turn-N-learn
	Trent Bosch 5/19	
July	August	September
Meeting: Wed. the 11th	Meeting: Wed. the 1st	Meeting: Wed. the 5th
President's Challenge:	President's Challenge:	President's Challenge:
School Donation	a Bowl for Aesthetics	Collabotate/Training
Program: Jim Rodgers	Program:	Program: Jim Gott
Concepts of Design	Compare and Critique	Nat.Eg. Bowl/platter
		Sam Angelo 9/9
October	November	December
Meeting: Wed. the 3rd	Meeting: Wed. the 7th	Meeting: Wed. the 5th
President's Challenge:	Challenge: Calabash	President's Challenge:
Nat.Eg. Bowl/platter	Program: Finishing	For the Holidays
Program: Dennis Lillis		Program:
Calabash		Christmas Party

Meeting Minutes - April 4, 2018

Meeting was called to order at 7:00 p.m.

Visitors: No visitors today



Staff Updates:

- **Programs — Mark Koenig**

- Trent Bosch Demo — May 19th, Bridges Community Church, Los Alto, 9am to 4pm
- Sam Angelo Demo — September 9th, Santa Clara High School, 9am to 4pm

- **Social** — Looking for volunteers, summer picnic and Christmas party, other? Greg will help with the picnic.
- **Membership — Gordon Patnude**, Seventy seven members, 24 not paid. Paul announced new subscription rules for the club, pay on time, or then pay more by February, or then be removed from the Yahoo group. Details to be explained again next meeting.
- **Pens for the Troops — Gordon Patnude**, 115 pens committed, have 300 pen kits.
- **Woodmeister — Dennis Lillis**, Anchor Seal (5-10 gallons left). Wood event first Saturday in May.
- **CA GLUE — Tom Kenyon**, Get in touch with Tom for fresh supply of CA glue.
- **Demos — Joe Martinka**, **NOTIFY WHEN CAN'T MAKE A DEMO**. Save \$\$\$, less wasted food!
- **Ironman 2017 presentations —**
Bob Genser, Milton West, Johnny Alias, Mike Lanahan, Joe Martinka, Gary Keogh were announced as having completed **ALL** President's Challenges for 2017. Badges were updated to show another year with Ironman status. *Congratulations on your continued, consistent turning!*

April President's Challenge & make-ups — "For the Kitchen"

- *See the Member and their work in the President's Challenge photo section of this Newsletter.*
- Raffle** — Certificates.

April Show and Tell —

- *See the Member and their work in the Show & Tell photo section of this Newsletter.*

Break

Presentation — **Mark Keonig** — Sharpening Demonstration, tips for all types of tools.

Meeting adjourned



West Bay Woodturners



Trent Bosch

**Saturday, May 19, 2018
9:00 am to 4 PM**

Bridges Community Church
625 Magdalena Ave, Los Altos

Admission is \$20 for Members and
Spouses

(Includes lunch for those who sign
up in advance)

\$30 for Non Members

All Students are Free!

Co Sponsored by WBAW and SVW



West Bay Woodturners and Silicon Valley Woodturners are pleased to announce an all-day demonstration by Trent Bosch at the Bridges Church in Los Altos. Doors will open at 8:30 am. The general public is invited to attend. The admission fee for this demonstration has been deeply discounted and is being sponsored by the two clubs. Trent will cover the hollowing process in depth (Revelations in Hollowing Demo, Vessels of Illusion Demo & Sculpting wood Beyond the lathe). He will also do a sunburst platter and a decorative utility bowl and along the way talk about finding your own voice as well as grinding and sharpening tools, finishing, and anything else the audience asks about. It will be a busy day but includes a lot of valuable information for beginning to advanced woodturners.

For more information on this demonstration and to sign up for lunch, contact Bob Bley, WBAW Program Officer, by email at rbley90@gmail.com , or by phone at 650-465-7539

Mark on Sharpening, continued

He showed how he establishes the nose angle first on a new tool by setting the grinder platform at the required angle on the coarse wheel and grinding the tip of the tool to define the nose. He then marks the desired wing length and turns the tool flute side down and slides the tool up and down the face of the wheel to define the wings.

The tool is shaped on the coarse wheel and sharpened on the finer wheel. By using a jig very little metal is removed each time the tool is sharpened as only the fine edge is being re-established. Mark made a point of mentioning a couple of videos from our library and YouTube that he highly recommends: Glenn Lucas Sharpening Video (Library) and Thomson Tools ; <http://thompsonlathetools.com/sharpening>. He strongly believes that anyone having difficulties with their sharpening should watch and follow one of these videos and establish a grinding/sharpening routine.

Spindle gouges are sharpened on the same jigs as bowl gouges.

Mark also covered sharpening the Spindle Roughing Gouge and negative rake scrapers (sometimes referred to as “skews”). Neither of these tools requires a jig to sharpen.



For information: <http://www.woodturner.org/page/2018Portland>

Adjustable Jig Settings for an Ellsworth grind

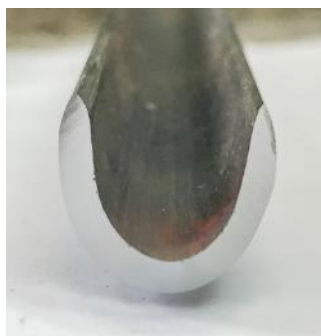
While holding Turn-n-Learn workshops and a Sharpening demo at our monthly club meeting, the Ellsworth grind has come up several times. David Ellsworth has developed a particular grind for a bowl gouge which he advocates, and he sells a gouge pre-ground and a unique sharpening jig to maintain the configuration of the grind. There is a lot of misinformation on how to get this grind with other sharpening jigs, so what is one to do if they don't have, or don't want to shell out \$44.95 for a sharpening jig "unitasker" (in Alton Brown terms)?



First of all, it is important to note that the Ellsworth gouge is either $\frac{1}{2}$ " (\$101.75) or $\frac{5}{8}$ " (\$121.75), and has a parabolic flute shape (left), not "U" (right) or "V" shaped. You can't get the same grind on a gouge with different shaped flute, and it would not perform the same. I've seen an attempt to recreate this grind on the wrong flute shape, and let's just say, it's not pretty. You may need to physically look down the flute to determine the shape, since many(most?) manufacturers don't describe the shape of their gouge flutes.

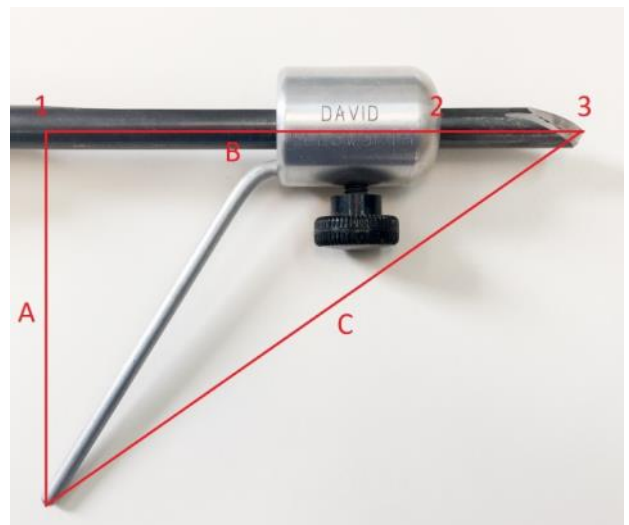


a



To recreate the Ellsworth grind on an adjustable jig, such as the OnewayVari-Grind or Woodcut Tru-Grind jigs, is a matter of finding the right 3 variables (tool projection from the jig, angle of the leg, and distance setting for the support bar pivot point) to match Ellsworth's settings.

There is a right triangle formed from the tip of the gouge being sharpened, along the flute of the gouge, and then perpendicular down to the pivot point. If this geometry is duplicated, the sharpening geometry will also.



Adjustable Jig Settings for an Ellsworth grind, Continued



The jigs are all designed differently, and even clamp the gouge in differently, it makes trying to match this a bit cumbersome. Everything is relative to the gouge, so start by clamping the 5/8" Ellsworth gouge in his jig, clamp the open flute to a flat surface, and measure the perpendicular distance from the gouge to the pivot point (A). This is 148 mm. Yes, the gouge is in the jig backwards, but it registers to the jig the same way, and gets the gouge out of the way for the measurement.



Next measure the distance from the pivot point to the front of the Ellsworth jig, parallel to the gouge (1-2) by clamping the front of the jig to a flat surface. This is also 148 mm.

If your grinder is set-up for the Wolverine jig, Ellsworth recommends a 55 mm (2 1/8") protrusion (2-3) of the tip beyond the front of the jig. This results in a B dimension of $148 + 55 = 203$ mm (8").

Now to find the settings for your adjustable jig, insert the gouge in the jig (backwards), clamp the open flute to a flat surface, and adjust the leg to get the same 148 mm "A" measurement as the Ellsworth jig. This sets the angle of the adjustable leg, one of the 3 variables.



Adjustable Jig Settings for an Ellsworth grind, Continued



I number the positions from the top, and call this setting #5 for One-wayVari-Grind, and #4+ for the Woodcut Tru-Grind. I also mark or scribe a line on the jig so I can return to the same setting repeatedly.

The measured leg angles to the gouge were approximately 45 and 47 degrees, respectively.



Clamp the front of the adjusted jig to a flat surface, and measure the distance of the pivot point to the front of the jig. This gives a 1-2 measurement of 139 mm for the Vari-Grind, and 148 mm for the Tru-Grind.

The protrusion variable (2-3) is 203 mm – the 1-2 measurement, or 64 mm for Vari-Grind, and 55 mm for Tru-Grind. This defines the second variable.

The third, and last remaining variable to the set-up is the distance of the sliding arm pivot position (vee-pocket of the Wolverine arm), and this is set to whatever distance gives a 60 degree angle to the tip of the gouge.



Setting	Ellsworth	OnewayVari-Grind	Woodcut Tru-Grind
Jig leg setting/angle	fixed	5 / 45 degrees	4+ / 47 degrees
Gouge nose protrusion	55 mm (2 1/8")	64 mm (2 1/2")	55 mm (2 1/8")
Pivot point setting	To get 60 degrees	To get 60 degrees*	To get 60 degrees

*approximately 5 1/4" down from the center of the wheel and 7 1/8" from the front edge of the wheel, with Wolverine set-up, per David Ellsworth's instructions¹. It is about 1/16" farther away than a 50 degree Raptor jig setting.



Adjustable Jig Settings for an Ellsworth grind, Continued

For confirmation, after sharpening the gouge with the Ellsworth jig, I placed it in the Vari-Grind jig, with the appropriate settings, blackened the cutting edge with a marker, and with one quick pass had identical results.

I would expect some manufacturing tolerance differenced from one jig to another, but if these settings don't get you close enough, the technique for getting them can be followed.

My apologies to David Ellsworth if this takes money out of his pocket, but I feel that this information should be made available to anyone who already has an adjustable sharpening jig. In David's defense the Tru-Grind patent was not filed until 2003, and I don't know if any jigs were around in 1994 when David devised this one. As a fan of Alton Brown, I've become very critical of unitaskers, not that I don't occasionally succumb, however.

Mike

References:

"The Ellsworth Sharpening Jig" 1994

Colin's Corner



As some of us prepare to visit Portland Oregon in June we will find inspiration in the many exhibits of modern woodturners. We are bound to return with fresh ideas.

However: we can also look to the past for inspiration and a lot nearer than Portland Oregon.

Right in our own State at the Getty Villa in Los Angeles there is a very fine collection of Roman and Greek pottery. It beautifully exhibited and what is more there are no restrictions on the personal use of your camera. One may shoot photographs as much as you like (as long as you don't use "flash".) so you don't have to rely on your memory for pictures.

While it's true that pottery is hardly wood the Roman/Greek world is famous for the originality of their art. The shapes on display are easily reproduced in wood and may give your woodturning a new look especially if you are looking for freshness. Take it from me you can be both old and fresh. It's all in the mind.

President's Challenge

"For the Kitchen, Not a Bowl"



Johnny Alias —

March make up—Spalted Walnut lidded box. Finish is sanding sealer, plus Wipe-On Poly.

April—Cedar wood cookie cutters. Finish is Cutting Board Oil.



Joe Martinka —

Maple Fruit/Cookie Platter.



Milton West —

Scoop (wood?). Start with a goblet. Wipe-On Poly, Tung—mineral



Gordon Patnude —

If there's a fork in the road, take it. Bocote handle for a neighbor's fork.

Finished with 3 coats of Wipe-On Poly .



Jerry Galli —

Hickory ice cream scooper; Purple heart shakers; Black walnut coffee scooper.

Finished with Doctor's Finishing Oil.

President's Challenge

"For the Kitchen, Not a Bowl"



Mike Lanahan —

Ash cake stand, 3 piece.
Finished with Wipe-On Poly.

It can be disassembled to pack so can get through airport security



If you build a cake stand, the cakes will come...



Pete Zavala —

Bay laurel spoons,
14 inches. Multi-axis.
Finished with beeswax



Zebra wood from an old bow

Larry Thomas —

Rolling pin (stainless steel shaft with bushings), and



Bob Gerenser —

Maple mortar (segmented) & multi-purpose pestle (crab cracker, Chinese rolling pin and pestle).



Oscar Wittrock —

Updated Paper towel holder. Full roll fits perfectly.
Finish is Wipe-On Poly.



President's Challenge

"For the Kitchen, Not a Bowl"



Brandon Rapp —

Bulinga Multi tool. Spoon when you want it, and a screw driver when you want it.



Dennis Lillis —

Red bark eucalyptus / rosewood peppermill



January make up,
I FINALLY FOUND IT!
I PUT IT SOME
PLACE SPECIAL.



Kevin Lee —

Plum cheese knife. Made a handle for an old cheese knife.



Ray Hari —

Ash rolling pin. One piece. Not finished yet.



President's Challenge

"For the Kitchen, Not a Bowl"



Mark Koenig —

Maple ice cream scooper.
Shaped to fit my hand.



Steve Balsbaugh —

Pistachio tart tamper.
Finished with General



Brian Havens —

January— Multi axis name badge
February—Walnut thin walled bowl, 3/32"
March—Square thermally-laminated box.
April—Single bevel knife. Japanese
influenced carbon steel knife with WA style
handle (buffalo bone handle).



Show & Tell

Donation to HS



Bob Gerenser —

1. Red alder bowl, engraved butterfly.
Finish is Wipe-On Poly.
2. Nova Chuck wrench. Diamondwood Scales fitted to improve grip.
3. Red alder bowl, engraved and filled.
Finish is Wipe-On Poly



Milton West —

Thirty pens. Finish is Shellwax



Brian Havens —

Therming jigs. Used to turn sides and legs



Mike Lanahan—

Walnut and padauk bobbin holders/boxes.



Creeping elegance at its finest as the design goals of this project moved as each piece was

Show & Tell



Oscar Wittrock —

Ash bowl with painting
by class instructor.

Laminated bowl, came
out symmetrical. Nice



John Whittier —

Acrylic PCB theme
pen. Gatsby twist



Jerry Galli —

1. February, birch thin
green bowl.
2. Ash/black walnut
lidded bowl.
- Lacquer & beeswax
finish.
3. Bowl.



David Vannier—

Carob bowl.
First bowl this year!



Dennis Lillis —

Unique bowl (wing type legs).
It's a bugger to sand.
Still a work in progress.



Show & Tell



Brandon Rapp —

FIRST BOWL EVER!

Cutting board oil
finish



Albert Li—

Hawaiian koa calligraphy
pen. Finish is Dr's



Kevin Lee —

Bottle brush egg



Woodturning professional John Jordan visited a couple of bay area turning clubs last week and Mike Lanahan caught up with him at Wine Country Woodturners, in Cotati. , and shared some photos he took.

John is well known for his hollow forms:



He also turns an occasional Teapot:



Thanks for sharing, Mike!

CLUB NOTES

Officers, Staff, Volunteers and Contacts

President	Paul Rygard	(408) 866-0390	prygard@yahoo.com
V.P./Programs	Mark Koenig	(408) 888-4944	mskoenig@ieee.org
Prof. Demos	Mike Lanahan	(408)926-9330)	Mikelan@aol.com
Treasurer	Joe Martinka	(408)735-7245	exegrec3@Yahoo.com
Secretary	Greg Peck	(408) 623-9156	gregoreo@me.com
Newsletter Editor	Bob Gerenser	(408) 262-5411	bob.gerenser@sbcglobal.net
	Greg Peck	(408) 623-9156	gregoreo@me.com
Hospitality	Barbara Jones	(408) 257-9385	northbaj@att.net
Membership Chair.	Gordon Patnude	(408) 267-6789	gppatnude@comcast.net
Outreach Chair	Gordon Patnude	(408) 267-6789	gppatnude@comcast.net
Photographers	Jim Gott	(408) 265-9501	jgtimp@aol.com
	Mike Lanahan	(408) 926-9330	mikelan@aol.com
	Steve Balsbaugh	(408) 262-1564	sbalsbaugh@att.net
Property Mgmt.	Gary Keogh	(408) 281-9054	gkeogh@sbcglobal.net
Librarian			
Webmaster	Pete Zavala	(405) 849-2858	zavalawoodturning@gmail.com
Site Prep	Johnny Alias	(408) 227-2423	vet59@ix.netcom.com
	Milton West	(408) 729-6334	miltwest@sbcglobal.net
Audio/Visual	Richard Scott	(408) 799-0005	rams1942@sbcglobal.net
	Greg Peck	(408) 623-9156	gregoreo@me.com
	Social Chair.		
Yahoo Groups	Howard Cohen	(408)378-9456	howard687@yahoo.com

Volunteer Instructors / Mentors

The turners below have graciously offered to open their shops to help members who want to learn to sharpen, try something new, or master a technique that just doesn't seem to be working. We all love to share. You just have to ask.

Willing to help? Contact Mike Lanahan to join this list.

Jim Gott, jgtimp@aol.com , (408) 265-9501 sharpening, design, natural edge bowls, boxes, goblets, tool control, you name it. Anything but segmenting.

Mike Lanahan, lanahan.mike@gmail.com , (408) 926-9330 Pepper Mills, Segmented, and Shaving or Makeup Brushes.

Dennis Lillis, denjlillis@gmail.com , (408) 353-3821 Hollowing, sharpening, and coring.

Gordon Patnude, gppatnude@comcast.net, (408)267-6789 Pen Turning and general turning questions.

John Whittier: whit10506@aol.com, (408)761-3941sharpening, design, natural edge bowls, boxes, goblets, tool control, you name it. Anything but segmenting.

2018 IRONMAN

Ironmen are those who successfully complete all 12 President's Challenge projects for the year. Those who meet the challenge are awarded coveted and distinctive IRONMAN name badges. A blue bar in the accompanying chart means that person has completed the project for the month indicated. You needn't be a great turner, you just need to participate. Make something in our Challenge theme and bring it to the next meeting.

Editor's Note

If I've somehow overlooked your President's Challenge entry, send me an e-mail at bob.gerenser@sbglobal.net

President's Challenge 2018	January Turned Badge	February Thin Walled Bowl	March Lidded Box or Peppermill	April: Kitchen Not a Bowl	May Top	June Coloring a Turned Object	July School Donation	August Bowl design	September Collaboration or Training	October Natural Edge	November: Calabash	November: For the Holidays	Picnic: TBD
Alias, Johnny													
Balsbaugh, Steve													
Balsbaugh, Steven													
Bonnet, Don													
Brown, Dave													
Galli, Jerry													
Gerenser, Bob													
Gott, Jim													
Hari, Ray													
Havens, Brian													
Jones, Barbara													
Keogh, Gary													
Koenig, Mark													
Lanahan, Mike													
Lee, Kevin													
Levin, Gordon													
Lillis, Dennis													
Mackenzie, Colin													
Martinka, Joe													
Moody, Marcus													
Patnude, Gordon													
Rapp, Brandon													
Rygaard, Paul													
Schmida, Tom													
Thomas, Larry													
Vaneer, David													
West, Milton													
Westfall, Dick													
Wittrock, Oscar													
Zavala, Pete													

For a more detailed description of the President's Challenges, go to:

[https://groups.yahoo.com/neo/groups/SVWoodturners/files/Presidents Challenge/](https://groups.yahoo.com/neo/groups/SVWoodturners/files/Presidents%20Challenge/)

IRONMAN Rules

- There are twelve challenges listed for the year and in order to qualify for Ironman you must show, by the end of the year, that you have completed all twelve challenges.
- Challenge entries should be shown at the meeting corresponding to the challenge schedule.

SVW NEEDS YOU!

It takes more than the officers and program chairs to make our club function at its best. If your name's not in the column at right, we still need your help in other ways to manage some of the club's activities. This is a HELP WANTED ad, and we need you to respond. There are always things that need doing. In particular, we need:

- Volunteers for shop tours
- Volunteers to present/demonstrate at meetings
- Members to write up their profiles for the newsletter
- Short articles or Tips & Tricks for the *Chips & Chatter* newsletter

Please contact Mike Lanahan to volunteer and help make our activities happen.

OTHER WOODTURNING CLUBS: You may use materials in this newsletter for the benefit of other turners. Please credit Silicon Valley Woodturners and the newsletter month and year for any material you use, and mention our web site: www.svwoodturners.org. Note that if we've flagged an article as having been reprinted from another source with permission, you must secure that same permission in order to use that material.

Join Silicon Valley Woodturners

Want to join a great group of turning enthusiasts in an atmosphere of sharing and camaraderie? Become a member of Silicon Valley Woodturners. We meet on the **First** Wednesday of each month. See page 2 for details. Drop in at any meeting and check things out. To join, contact John Whittier (see contact list), or just complete the application form below and mail with check to Grant. Learn more about our club on the web at www.svwoodturners.org.

Silicon Valley Woodturners Membership Application

Please print and mail with a check payable to SVW for \$35* individual (\$45* family) to:
Gordon Patnude, 1348 Whitegate Ave, San Jose, CA 95125 Phone: 253-820-8684-- email: gppatnude@comcast.net

Name _____

Address _____

City _____ State _____ Zip _____

Phone(s): home: _____ mobile: _____

Email _____ Website _____

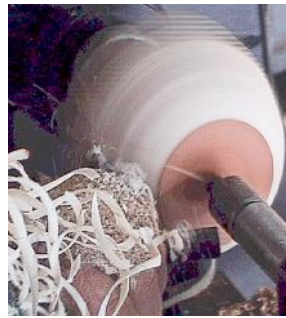
Lathe(s): _____

Current Member of AAW? Yes ___ No ___

Member-ship*	Renewal	2 nd Quarter April - June	3 rd Quarter July - Sept.	4 th Quarter Oct. - Dec.
Individual	\$35	\$25	\$20	\$10
Family	\$45	\$35	\$30	\$15



Sponsors



Shavings & Sawdust

Join this Group for Home & Garden or
Sawdust Session information.

Here are the details on Shavings:

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Group email address: Shavings@yahoogroups.com



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Next Meeting...

Join us Wed., May 2nd @7:00PM
Santa Clara High School Woodshop
3000 Benton St, Santa Clara, CA
It is right across the street from the Baptist Church sign, and just past (coming from Kiely) a No Entrance sign.

May Program: Top Night

May Challenge: Top

Dinner before the Meeting:

Watch for email update



FOR SALE

Smocks, SVW colors. \$30 (SVW patch not included). Contact John Whittier for details.
(408) 379-3722,
turninghands@yahoo.com