THE OFFICIAL NEWSLETTER OF THE CASCADE WOODTURNERS

JUNE 2017

Please make sure that all content for the next newsletter reaches me by the 1st of July! turningwood@bendbroadband.com Thanks!

NEXT MEETING: 6:45PM, THURSDAY, JUNE 15th AT WILLAMETTE CARPENTERS TRAINING CENTER

Cascade Woodturners will be meeting at

WILLAMETTE CARPENTERS TRAINING CENTER

4222 NE 158TH Ave, Portland, OR 97230-4906 (For a map, click here http://mapq.st/108wBN0)

Use the South door in the middle of the side parking lot

CWA Presidents Message for June 2017

It's June and summer officially begins on June 20th. Summer can be a conflicted time for woodturners. On one hand, the excellent summer weather makes it most pleasant to be in the shop. On the other hand, the temptation to enjoy outdoor activities and travel is the greatest. I hope you resolve this conflict enjoyably!

THE MAY MEETING

Howard Borer gave us an excellent demonstration of burning and coloring vessels at the May meeting.

THE JUNE MEETING

Jerry Klug is coordinating the June demonstration, which will showcase nifty tips and tricks we use in our shops to make our turnings easier and better. The June challenge is burned and colored turnings of the type Howard demonstrated.

THE JULY MEETING

The demonstrator for the July 20th meeting is Michael Mocho, who also will be doing an all-day class on Friday, July 21st, and an all-day workshop on Saturday, July 22nd. I saw Michael demonstrate at the 2016 Utah Symposium. He was so good I went to all of his classes.



More information about Michael and his presentations to CWA will be up on the CWA website soon, under "Events." You can also check Michael out on his website at: mmocho.com

HELP IMPROVE OUR WEBSITE

If you have ideas for improving the CWA website, please send them to me at HarveyRogers@Gmail.com.

A VERY SAD NOTE

A woodworker near Walla Walla recently died doing fractal burning. Others have also died, and I have heard that a careful, local woodturner has stopped doing fractal burning because he got a bad shock.

Carl Jacobson demonstrated fractal burning at our March meeting. Carl used a professionally manufactured burner, lots of insulation and great care. The results were delightful. But they are not worth dying for.

As a result of recent deaths, the AAW has stopped showing images of fractal burnings or doing anything else that appears to condone fractal burning. The AAW plans to publish an article in the American Woodturner soon. Hopefully it will have a careful examination of the variables and risks associated with fractal burning.

At least until that article is available, please do not do fractal burning. Based on the little I currently know, it appears to me that there are too many poorly understood variables, and we know too little about them to do fractal burning safely.

Take care of yourselves and have fun turning!

Harvey Rogers, President

Please let me know if you have opportunities that you would like to have listed on our website. You can reach me at HarveyRogers@Gmail.com

VICE PRESIDENT'S SOAPBOX

VP voice – Symposium Benefits

June is my favorite month of the year. I love the extra hours of sunlight, I love all of the flowers, abloom with a rainbow of colors. But most of all, I love the AAW Symposium. Regional symposiums are great but they hardly compare to the AAW Symposium. Think of a nice tasty burger compared to a perfectly prepared filet mignon. Or if you're of the non-carnivorous sort, like yours truly, a delicious apple compared to a glorious, mouthwatering fruit salad with raspberries and peaches and mangos and watermelon.

There is still time to attend the KC Symposium this year, but if you're unable to do so, there's no reason not to attend the 2018 Symposium right here in Rivercity, Stumptown, Bridgetown, whatever you call it, it's in Portland, Oregon. And I can provide a million reasons to attend. But who's counting?

There is always an unbelievably diverse range of world-renowned demonstrators. Whether it's Richard Raffan, Alain Maillain, Michael Hosaluk or any number of others, you will be sure to find someone demonstrating a technique you have always been curious about. I have been mesmerized by numerous demonstrators and I have yet to see one that does not welcome questions if there is an element you have difficulty grasping.

And the juried shows are absolutely jaw-dropping. Without a doubt, it is a great opportunity to see some of the best woodturned artwork you will find until the next symposium. Every year the work is new and conforms to a conceptual theme. Be sure to check out the auction items for KC Symposium currently on line at the AAW website.

The instant gallery is an opportunity to show some of your own work and see how it compares to the work of others. It has no parameters and the range of work is beyond imagination. It is truly reflective of the broad demographics, influences and origins of AAW woodturners.

For me, the aforementioned benefits are all secondary to the real attribute, the desert we all await throughout the main course, with exorbitant salivation. The chocolate mouse with fresh raspberry puree and a sip of fine port. The real attribute is enjoying a brew with one or more of the afore referenced Symposium demonstrators from all corners of the world. Last year I was privileged to enjoy a beer with one of the most genuine woodturners I have met. I have admired, and honestly, envied the grace and elegance of his forms since I discovered his work, shortly after I began woodturning in 2011. His name is Liam Flynn. This is one of his wonderful pieces.



He invited me to visit when I come to Ireland. Most of you are likely aware, Liam passed recently, quite unexpectedly, in his sleep. I am eminently grateful for the time Liam shared with me.

Without question, there are more acquaintances to look forward to every year. More friendships spawned and more opportunities to visit woodturner/artists, wherever they live and wherever your travels take you.

Jim Piper jimpiper@me.com 503-730-0073 V.P. Cascade Woodturners

DALE'S CORNER

We had only 7 turners here for May open shop. Clearly the nice weather is coming into play. No open shop for June or July. All serious woodturners should be in Kansas City June 22-25 for the AAW symposium. It will be a great show.

Dale

AAW NEWS

Several members from Cascade will be heading to Kansas City for the AAW Symposium, June 22-25. They have volunteered to be local leads for the 2018 symposium in Portland. In addition to being symposium attendees, they will be shadowing the Kansas City leads in preparation for next year's symposium in Portland. Thanks in advance!

Fractal Burning

At our May AAW board meeting, one our agenda items was fractal burning. In the last two years, there have been at least two deaths attributed to the accidents involving fractal burning with the Lichtenberg Burner. The most recent was in Walla Walla http://www.union-bulletin.com/local/local-man-electrocuted-using-dangerous-wood-art-process/article_daf59a2a-3420-11e7-8508-c7eb2f3dc175.html Because of the dangers associated with the burners, the AAW board agreed to policy prohibiting the fractal burning process to be used in AAW-sponsored events or featured or depicted in the *Journal*. We are also urging chapters to refrain from demonstrating or featuring the process in chapter events.

In woodturning, much of what we do involves some risk. Safety must be a priority. This policy is not without controversy. However, AAW has an obligation to voice its view. The August issue of the *American Woodturner* will have an article discussing this. There are also some good discussions regarding the dangers of fractal burning on the various woodturning forums. If you choose to use fractal burning, *please* use all safety precautions.

50% New Member Incentive

June 30th is the last day to take advantage of the half price AAW membership offer. If you are a chapter member and have not previously been an AAW member, you can become a full member for one year for \$30. You will need to use this URL http://tiny.cc/AAWNewGen or call the home office: 877-595-9094 (toll free). Your first year's full membership includes six printed issues of the *American Woodturner Journal*, electronic versions of *FUNdamentals*, full member access to the web site, and member rates to the symposium. Questions? Contact me or see the membership benefits page: http://www.woodturner.org/?page=MemberBenefits

As always – if you'd like more information or have questions about the AAW, please contact me.

Kathleen

woodspinner@gmail.com

HOWARD'S INDEX WHEEL INFO

Here are the links to the websites I mentioned in my demo last month. The website where I printed the polar graph paper is

http://www.videomathteacher.com/free-resources/graph-paper/

The youtube video by Gwinnett Woodturner's Harvey Meyer where I learned about the index wheel is

www.youtube.com/watch?v=5A4UI_7OYDo

I can't remember if it was in the first video or the second, but both are worth seeing.

Howard Borer

SAFETY FIRST

Looking on the bright side

I try to look on the bright side. Being the club's safety officer gives me that opportunity more often than I would like: every time I hurt myself in the shop, I get to say "now I have a topic for my next safety article!"

Here's how I came to bleed this time. A friend gave me two, wet, pin oak bowl blanks. They were about 14" wide and about five inches deep.



It was pretty wood, with dark streaks running down the center and creamy edges. They were quite heavy. I planned to rough turn them and put them away to dry.

I could have mounted the blanks on a screw chuck, but a screw chuck would not have allowed me to adjust the position of the blank on the lathe to best balance the grain. So I mounted the blanks between centers.

The blanks were so heavy that it was really hard for me to hold them up off the bed of the lathe with one arm while I cranked the tailstock and tried to to position the drive center and tail center exactly where I wanted them. Of course I didn't get it right the first time. Or the second or third time either. Lifting the heavy blanks up off the lathe bed and holding them with one arm while I cranked the tailstock in, over and over again, left me quite tired by the time I was finishing the second blank.

I used sturdy gouges and scrapers with long handles, held tight against my hip, trying to "dance" the tools where I wanted them to go.

By the time I thought I had finished the second blank I was really pooped out. But I ran my hand along its surface and felt a small area with rough tear out near the bottom of the bowl. I decided to give that area a final, gentle scraping. Since I was going to scrape a small area gently, I grabbed a small, short-handled scraper. Since I was tired and almost done I didn't adjust my 12" straight tool rest, which was at that point about three inches away from the surface I wanted to smooth. It's hard to position that rest so it is close to the inside surface of a bowl anyway.

I put my left hand over the top of the small scraper where it contacted the rest, held the handle in my outstretched right hand, and extended the edge of the scraper toward the blank.

Probably because I was tired and didn't have the handle braced against my body, I pushed the scraper too far into the blank and it caught. The spinning blank dragged the tip of the scraper down hard and fast, lifting the tool handle up and pulling my left hand and the scraper handle down into the gap between the spinning blank and the tool rest. It happened so fast that I really couldn't see it or feel it happening. But once it happened I could easily see it and certainly feel it.

As I stared at my bleeding paw I tried to look on the bright side. I thought "I have a new safety article topic!" and snapped the picture at the beginning of this article.

This accident *might* not have happened if I hadn't been so tired, and it *might* not have happened if I hadn't been in a hurry to get done, but it *certainly* would not have happened if my tool rest had been close to the spinning blank. If it were close to the spinning blank the force on the tool handle would have been a lot less, and there would not have been room for the tool and my hand to slip between the rest and the spinning blank.

The force that a spinning blank exerts on the handle of a tool goes up dramatically the farther the tool overhangs the rest. If you are using a scraper that is 18" long from its tip to the end of the handle, and you hold the handle two inches from its end, the tool forms a lever that is 16" long.

A 16" lever that overhangs the tool rest half an inch gives the turner a mechanical advantage of over thirty. If the turner pushes down on the handle of the tool with a force of one pound, the tool edge will move up with a force of more than thirty pounds.

My lathe has a two horsepower motor. One horsepower means 550 foot pounds per second. I'm not sure exactly what "550 foot pounds per second" means, but 550 pounds of anything seems big enough to rip a tool out of my hand if I'm not careful. And my lathe has twice that.

When I had this accident the distance from the tool rest to the place on the spinning blank that I wanted to scrape was about three inches. That would have given me a mechanical advantage of only about five, or one-sixth of the mechanical advantage I would have had if my tool rest had been half an inch away from the spinning blank.

As I walked back up to my house to bandage my hand, I found another opportunity to look on the bright side. My indulgent wife is always happy to support tool purchases that make me safer. I showed her my bloody hand and have now ordered a curved tool rest for the inside of my future bowls.

If you have questions about turning safety or comments on this article please send them to me at HarveyRogers@gmail.com. I will research questions and let you know what I find out.

Harvey Rogers

MEETING SCHEDULE 2017

DATE	DEMONSTRATOR	CHALLENGE
JUN 15	Gizmos, Tips & Ahaas	Burnt and/or colored turning
JUL 20	Michael Mocho	
AUG 17	TBAL	
SEPT 21	Sally Ault	
OCT 19	Auction	
NOV 16	TBAL	
DEC	No Meeting	Merry Christmas

JUNE MEETING

Woodturners usually have a few things in common, interest in trying something new and sharing what we know with each other are typical. The June meeting will have a member participation instead of a traditional demo. Each of us can bring a tip, trick or quick explanation of something you do in your shop that saves time or material. These can be homemade tools or a product you have adapted to woodturning that is out of the norm. Come with your idea or three that you can present in a couple of minutes. You may go home with a great Ahaa! from someone else tip.

Jerry Klug

COMING EVENTS

Put Some "Art" into Your Woodturnings

A North West Woodturner's Club Offering

On the NWWT website (https://nwwt.wildapricot.org/) are 3 very unique events featuring the wood artist, Tania Radda, of Scottsdale, AZ. Her specialty is wood sculpture and artistic design. She holds a Master of Fine Arts in this field and is a retired art teacher. Tania has been a frequent demonstrator and teacher at the Arrowmont School, the AAW Symposium, and a contributor to the AAW magazine. See her website at: http://www.taniaradda.com/

She is an expert at utilizing a wood product called Cold-BendTM hardwood to create "wood art". Cold bend hardwood is wood that has been highly compressed, and can then be formed by hand into any shape, and when dried, holds that shape. It can be cut on a scroll saw, sanded, painted and glued. See photos of her award winning work below. You can learn more about the product at the company website: http://www.puretimber.com/

Tania will first present on the application of artistic principles in design at our NWWT meeting, Thursday evening, July 6th, which is free to members and open to guests. This evening will give you an introduction to artistic principles and how they can be applied to wood turning. She'll have her creations on display and discuss the use of Cold-BendTM hardwood.

On Friday, July 7th, Tania will do an all-day (6 hr.) demonstration at the Multnomah Arts Center on how to use the material to create designs on your work. The cost will be \$35. Each attendee will be given a piece of the Cold-BendTM hardwood to take home and try on their own.

The next day, Saturday, July 8th, Tania will work with up to 8 attendees in an all-day (6 hr.) class at the Multnomah Arts Center. Each attendee will bring a wood turning of their choice to decorate or embellish. Tania suggests you bring a simple lidded box or bowl. You will design your embellishment, then use a scroll saw to cut, then shape the material. Painting or finishing will be done at a later time. The cost for this class is \$125 and includes material.

Please join us for one or more of these events to put some "art" into your woodturnings!



SYMPOSIUM SCHEDULE

There is something planned for every month that may match your travel plans:

- AAW 31st International Symposium, Kansas City, MO June 22nd-25th, 2017
- SWAT, Waco TX August 25th-27th
- 18th Annual Rocky Mountain Woodturners Symposium, Larimer, CO Sept 15th-17th

If you hear of an interesting symposium, e-mail Jerry Klug to add it to the list.

CWT MENTORS

Cascade Wood Turners has a mentoring program and the member turners providing assistance were listed in the "Resources" section of the club's web page. These members were available for you to contact if you need help in different areas of woodturning. The list did not get transferred with the recent upgrade of the web site. If you would like to be a mentor yourself and be contacted with woodturning related questions e-mail turningwood@bendbroadband.com and I will forward your name and subjects you would like to mentor onto Harvey for a new "MENTORS" listing on the club website.

COMPANY STORE

If a number of members want a certain item, we could be low on it. Please contact Bill Karow, (503) 490-0325 bill.karow@mac.com a week ahead of the meeting so he could verify it is not out of stock and set it aside for you. We are able to purchase through the Club many items that are commonly used by woodturners. We buy in bulk and sell at cost. Just another benefit to being a Cascade Woodturners Member! This month, we've purchased a 55 gallon drum of **Anchorseal 2** with an antifreeze additive, directly from the manufacturer. Instead of the regular \$14/gallon, we are able to now sell it for \$10/gallon.

PLEASE BRING YOUR EMPTY ONE GALLON JUGS TO OUR NEXT MEETING.

Company Store Item	Price
Accelerator (for Cyanoacrylate adhesives/CA), sprayer, 8 oz	\$7.00 each
Anchor Seal, one gallon	\$14.00 each
Cyanoacrylate adhesives/CA Thin, Medium & Thick, 2oz bottles	\$6.00 each bottle
Sandpaper – Finkat (for dry sanding)	\$0.75 each sheet
Sandpaper, Klingspoor alum/oxide w/heavy cotton cloth	\$1.50 each sheet
backing suitable for wet sanding (80, 100, 120, 180, 220, 320 & 400 grits)	
Walnut Oil - filtered, 16 oz	\$4.00 each

There are still a few chem-proof spray bottles available

DEMOS - CLASSES - SEMINARS

Multnomah Arts Center: Multnomah Arts Center in SW Portland continues to have woodturning classes. Check their catalog or phone 503 823 2787. You can google their website for the catalog. Jerry Harris and Russ Coker are again teaching woodturning at "Multnomah Arts Center". If you are interested, please contact Multnomah Arts Center at 503 823 2787. The cost is very reasonable and all tools, wood and equipment is provided.

Private Turning Classes: Anyone interested in 1-on-1 lessons in my shop in eastern Damascus should feel free to contact me: My cell-phone number is 503 901 3401 and email is "howardborer@yahoo.com".

Rockler Woodworking 503-672-7266, www.rockler.com

- Intermediate Bowl Turning by Dave Gray, \$45 (includes materials), Sun. June 4th 8:00-11:00
- Guild of Oregon Swap Meet, June 10th 9:00 AM 3:00 PM
- Skew Chisel by Jim Green, \$45 (includes materials), Sun June 11th 8:00-11:00
- Lathe Tool Sharpening by Dave Gray, \$45 (includes materials), Sun. June 18th 8:00-11:00

Woodcraft 503-684-1428, www.woodcraft.com

- Beginning Lathe Fundamentals by Tim Kluge, \$125, Sat, June 10th 10:00-4:00
- Basic Bowl Turning by Tim Kluge, \$125, Sun June 11th 10:00-4:00
- Turn A Lidded Box by Tim Kluge, \$150, Sat June 24th 10:00-4:00
- Beginning Lathe Fundamentals by Tim Kluge, \$125, Sat, July 18th 10:00-4:00
- Basic Bowl Turning by Tim Kluge, \$125, Sun July 9th 10:00-4:00
- Winged Bowl by Tim Kluge, \$150, Sat, July 22nd 10:00-4:00
- Turn A Lidded Box by Tim Kluge, \$150, Sat July 29th 10:00-4:00
- Beginning Lathe Fundamentals by Tim Kluge, \$125, Sat, Aug 12th 10:00-4:00
- Basic Bowl Turning by Tim Kluge, \$125, Sun Aug 13th 10:00-4:00

Woodcrafters 503-231-0226, 212 NE 6th Ave, Portland, www.woodcrafters.us

- Woodturning Demo by Skip Burke, Sat June 3rd
- Woodturning Demo by Skip Burke, Sat July 8th

CLASSIFIEDS

To place or continue an ad, contact Jerry Klug at turningwood@bendbroadband.com. Your ads will be in the next newsletter after receiving your ad. Let us know if you want your ad for more than one month.

WANTED:

Filters for Triton powered face shield (no longer available from USA suppliers). Help in determining useable filter material from another source would be a great help. Ken Kirkman kenpegkirkman@gmail.com 360-687-9866

WANTED: Looking for a 6" jointer to buy. Contact Mike Larson 503-616-5538

FOR SALE: Vicmarc VL300 from Craft Supplies USA. Purchased new in 2011. 3hp 240v motor, electronic variable speed drive, 24 inch swing and 21 inch bed on a sturdy heavy-duty steel base. This is a massive cast iron professional bowl lathe. Asking \$4,500.00. Call Rick if interested at 360-839-0121.

FOR SALE: New 5 piece Crown Sheffield HSS turning tool set, Sheffield steel at lower than Chinese steel price, Wolverine sharpening jig and an 8" slow speed grinder still in the box. Just what



FOR SALE: Over 18 tons of interesting turning wood logs and chunks in Vancouver; Apricot Avocado Black locust Black walnut Blue spruce Bottle brush Camphor (Calif. Bay Laurel?) Carob Cherry Elm English laurel English walnut Juniper Liquid amber Magnolia Maple (big leaf) Maple (hard) Norway maple Ornamental mulberry Pacific dogwood Pepper tree Plum Silver maple White oak Yellow popular Tim also has dried boards and blanks for turning of; Mahogany, Olive, Chestnut, Redwood, Walnut, Maple, Oak, Purple heart and more. Tim also has some rocks and fossils for accents.



7,000 lbs of mimosa, ranging in size from 6" to 30" in diam. It was felled last month. View an interview of Tim at http://youtu.be/d51wpml80f4 Prices are about half of retail (i.e. Cook Woods or Craft Supply). Contact Tim at wtsmall@comcast.net 360-989-7721.

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Support of the sponsors listed helps maintain our hobby supplies. Remember that your current membership card is good for discounts at these firms. For additional information see the website http://www.cascadewoodturners.com/sponsors.htm.

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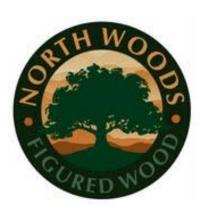


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Happy Woodworking to you! Les and Susan!

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