

Turning Times

THE OFFICIAL NEWSLETTER OF THE CASCADE WOODTURNERS

AUGUST 2016

Please make sure that all content for the next newsletter reaches me by the 30th of August! turningwood@bendbroadband.com Thanks!

NEXT MEETING: 6:45PM, THURSDAY, AUGUST 18th 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/1o8wBN0>)

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

August Meeting Demo

The meeting demo will be dueling coring machines. Dale Larson will demonstrate the McNaughton Center Saver, Howard Borer will demonstrate the Woodcut Bowl Saver and Roger Crook will demonstrate the Oneway Easy Core. This should answer all your questions on how they function and which one works best for your needs.

September Meeting Demo

Remember that the September meeting will be on the 4th Thursday, September 22nd. Tom Wirsing will be here to demo his platter skills. Tom usually uses only two tools, a bowl gouge and a scraper. His platters are so smooth they usually need no sanding. Look at Tom's web site www.thomaswirsing.com . There will be both an all day demo and a hands on class with Tom's visit.



Presidents Message

I hope everyone enjoyed Sara Robinson's presentation last month. Several members expressed an interest in having her return for an all day demonstration which would include not only the topics she previously discussed but also techniques she uses in turning spalted wood, the application of dyes to a spalted surface, as well as a hands on demo on how to prepare various mold cultures. I will circulate a sign up sheet at our next meeting for those who express an interest in having Sara return.

I am looking forward to the coring demonstrations this month. This process not only decreases the amount of waste to dispose of but also has the added benefit of additional potential pieces (which can be important especially if one is turning a rare or hard to get wood).

Tom Wirsing, past president of AAW, is known for his beautiful platters and will be coming in September. He is also recognized for his facility in using scrapers in his finishing work. In addition, he plans to share with us his knowledge of various tool steels and the utility and types of sharpening systems. I will be circulating sign up sheets at the August meeting to enroll for both his hands on class (platters) which will be limited to eight attendees as well as sign up for his all day demo.

Please note our meeting in September has been changed to the 4th Thursday (September 22) to accommodate Tom's schedule. His hands on class will be on September 24 with the all day demo on September 23rd.

Keep on turning!! (Wish I could)

Skip Burke

President

drgramp@comcast.net

(503) 233-4263

Addendum: A board meeting is tentatively scheduled for July 30th at 8:00am at my house 6315 SE Morrison Street/ Portland Oregon 97215. Cell # 503-781-3063. All are welcome to attend and if you intend to do so please let me know in advance.

DALE'S CORNER

Open shop Saturday August 27th starting at 9am. Bring an idea and your tools. We always have the chainsaw here and can show you how to cut up wood you have questions about.

Thank you

Dale

VP'S VOICE

Thanks to all of you who responded to the survey! About 44 members responded; CWA has about 157 members. The survey is still open, so if you would like to give CWA input, please respond soon.

Beginner's SIG

One of the many good suggestions we got from the survey is to start a beginner's SIG. The board authorized me to follow up on that suggestion. I don't know who made it (I told SurveyMonkey to make the responses anonymous), but thank you!

A "SIG" is a "special-interest group:" a group of people who share an interest in a particular topic, and communicate with each other about it.

If you would like to explore being in or helping with a beginner's woodturning SIG, please email me and tell me that. And please add any suggestions you have for things that the SIG might do.

Some things the SIG might do include:

Setting up some sort of website or listserv that allows members of the SIG to communicate with each other.

Providing a "day in the shop" with an experienced turner or other opportunities for folks who are just starting to try turning.

Meeting to watch and discuss woodturning videos.

Coming up with reasonable projects for beginners, selecting some to do as a group, and getting together to share how it worked out.

Please email me at harveyrogers@gmail.com if you would be interested in participating in a beginner's SIG or have ideas about how what the SIG might do.

Harvey Rogers

AAW NEWS

The August 2016 (current issue) Americam Woodturner has a "feature article" by Russ Coker on turning pad foot table/bench/chair legs. Good job, Russ. Russ takes you through the process required to turn the off set foot on the leg with clarity and illustrations. Another example of the AAW helping spread the talent to the turning world.

Time to exercise your voting rights -- and I'm not referring to the local and national ones that are bombarding us with phone calls and flyers. Voting for the AAW Board opened August 1. We have 6 outstanding candidates. Each of the six offers years of professional experience in various

disciplines and all have a passion for woodturning. At the symposium in Atlanta, each candidate took the opportunity to make a video statement. If you are an AAW member, you can watch their videos, read their statements, and then vote! The link is <http://www.woodturner.org/page/2017BODCandidates>.

If you're not an AAW member, we still have the 60-day guest membership offer at <http://www.woodturner.org/page/GuestMemberLanding>. Please talk to me if you have questions about AAW or would like more information.

Kathleen
woodspinner@gmail.com

SAFETY FIRST

Centrifugal Force

When my children were small I would sometimes take their hands, lift them into the air, and start spinning around. The spinning force would make their little bodies fly outward. The faster I spun, the higher into the air their bodies would rise. If I spun fast enough they would “fly” around me with their bodies almost horizontal. I remember that as being a lot of fun. I don't remember it as being very hard.

Now that I'm a grampa I am much more aware of the forces involved. When I take my grandson's little hands in mine and lift him up (which itself seems much harder than it used to), I'm acutely conscious of how hard I have to squeeze his hands to keep them from slipping out of mine, and how careful I have to be that his spinning body doesn't drag my feet onto something that might trip me and bring us both crashing down. I now find the forces involved to be surprisingly strong.

I remember, dimly, from high school physics that one of the forces involved is called “centrifugal force,” so I looked that term up on Wikipedia. Wikipedia says:

In [Newtonian mechanics](#), the term **centrifugal force** is used to refer to an [inertial force](#) (also called a '[fictitious force](#)') directed away from the axis of rotation that appears to act on all objects when viewed in a rotating [reference frame](#).

Poignantly, Wikipedia then begins its explanation of the calculation of centrifugal force by observing:

In a rotating frame of reference, the time derivatives of the position vector \mathbf{r} , such as velocity and acceleration vectors, of an object will differ from the time derivatives in the stationary frame according to the frame's rotation. The first time derivative $[d\mathbf{r}/dt]$ evaluated within a reference frame with a coincident origin at $\mathbf{r}=0$ but rotating with the absolute [angular velocity](#) ω is

$$d\mathbf{r}/dt = [d\mathbf{r}/dt] + \boldsymbol{\omega} \times \mathbf{r}$$

where \times denotes the [vector cross product](#) and square brackets [...] denote evaluation in the rotating frame of reference. In other words, the apparent velocity in the rotating frame is altered by the amount of the apparent rotation $\boldsymbol{\omega} \times \mathbf{r}$ at each point, which is perpendicular to both the vector from the origin \mathbf{r} and the axis of rotation $\boldsymbol{\omega}$ and directly proportional in magnitude to each of them. The vector $\boldsymbol{\omega}$ has magnitude ω equal to the rate of rotation and is directed along the axis of rotation according to the [right-hand rule](#).

I pondered this wisdom for some time, to see what use it might be to woodturners. I finally decided its highest and best use is likely as a decoration. The decoration should be printed on rolls of absorbent paper that is manufactured to wipe places all woodturners have.

Wikipedia notwithstanding, centrifugal force plays a significant role in our daily lives. It helps dry your clothes (that's the spin cycle on your washing machine), it helps separate cream from milk, and it helps separate beeswax from honey.

When something is spinning, centrifugal force is the force that drives things away from the center and out toward the edge. Two things have a big effect on centrifugal force: the speed of the spin and the distance from the center to the edge. The faster an object spins and the bigger the spinning object, the higher the centrifugal force.

That makes it an important force to keep in mind when we turn. In fact, it's a force I should have considered a couple of weeks ago when I was finishing some candlesticks. My wife wanted something to hold "pillar" candles (the fat ones), and I didn't like the designs I saw on Pinterest, so I came up with my own.



They are not very big; about 3 ½” wide at the widest part. After I turned and sanded them I took them off the lathe and put on a coat of dark walnut Danish oil. I followed the manufacturer’s instructions, let the oil soak in, and then wiped it off carefully. I put the candlesticks away to dry for about a day and a half.

Then I put one back on the lathe to add a friction polish. I first started the lathe at a very slow speed to make sure the candlestick was running true. It was.

Then I turned the speed up quite a bit.

When I turn the speed up on a large block I always try to be careful and stand out of the line of fire. But these were just small pieces of sound wood, so I simply stood in front of the lathe with my upper body protected only by a white T-shirt and my glasses.

After just a few seconds I had a nice, wide band of walnut-colored oil running from the bottom of my T-shirt to the top of my forehead. The candlesticks were made out of oak, which has pores, and I think a fair amount of the dark walnut oil must have remained in those pores and not hardened.

When I turned up the lathe the centrifugal force drove the oil out of the pores and onto me.

It was a good learning experience for me. I learned these three things:

1. Dark walnut Danish oil doesn’t taste very good.
2. Dark walnut Danish oil may not be fully hardened in a day and a half, even though the surface of the wood is dry.
3. I should always stand out of the line of fire when I turn the lathe up. Always. Even when the diameter of the blank is relatively small. Centrifugal force can be surprisingly strong.

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

SYMPOSIUM SCHEDULE

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

- [SWATurners Symposium, Waco, TX August 26th-28th, 2016](#)
- [17th Rocky Mountain Woodturning Symposium, Loveland, CO September 16th-18th 2016](#)
- [5th Segmenting Symposium - Quincy, MA, October 27th-30th 2016](#)
- [Virginia Woodturners \(10 clubs\) - Fishersville, VA, November 5th-6th 2016](#)
- [Oregon Woodturning Symposium, Albany, Or, March 17th-19th, 2017](#)

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

MEETING SCHEDULE 2016

DATE	DEMONSTRATOR	CHALLENGE
AUG 18	Roger, Dale & Howard Coring	Spalted Wood Form
SEPT 22	Tom Wirsing - ** (Platters / different tool steels / sharpening)	Tool Handle (Note date change)
OCT 20	Auction	
NOV 17	Eric Lofstrom**	Platter
DEC	No Meeting	<i>Merry Christmas</i>

*Graham Priddle class is available to all Portland area clubs as he will be here participating in Frogwood.

** Plan on an all day demo and an all day hands on class following the meeting date

COMING EVENTS

- Sept 9th Northwest Woodturners, Portland – Tom Hastings demo
- Sept 24th Greater Vancouver Woodturners Guild, Vancouver, B.C. – Michael Blankenship All Day Demo.

COMPANY STORE

Jim has his schedule over-filled and will not be able to continue as our store keeper next year. It is a great time to volunteer and Jim will train you so the transition is an easy one. If a number of members want a certain item, we could be low on it. Please contact Jim Piper, (503) 730-0073

jimpiper@me.com a week ahead of the meeting so he could verify it is not out of stock and set it aside for you.

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	\$5.75 each bottle
Sandpaper – Finkat (for dry sanding)	\$0.75 each sheet
Sandpaper, Klingspoo alum/oxide w/heavy cotton cloth backing suitable for wet sanding (80, 100, 120, 180, 220, 320 & 400 grits)	\$1.25 each sheet
Walnut Oil - filtered, 16 oz	\$4.00 each

There are still a few chem-proof spray bottles available

DEMOS - CLASSES – SEMINARS

Multnomah Arts Center: Jerry Harris and Russ Coker teach at Multnomah Arts Center in SW Portland. They continue to have woodturning classes and we have added an embellishment class. Check the Multnomah Arts Center catalog or phone 503 823 2787. The cost is very reasonable and all tools, wood and equipment is provided. You can contact Jerry at 503 577 6909 for questions.

Franklin High School Classes: There will not be turning classes at Franklin High for at least another year. 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

- Woodturning Techniques Demo, Turning Handles, Aug 8th 11AM
- Box Making Part 2 by Jim Green \$45, Aug 14th 8:00-11:00

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

- Turning A Bottle Stopper Demo, Sat. Oct 22nd 1:00-2:00
- Beginning Lathe Turning Fundamentals by Tim Kluge \$125, Aug 27th 10:00-4:00
- Bowl Turning Basics by Tim Kluge \$125, Aug 28th 10:00-4:00
- Square Edge Bowl Turning by Tim Kluge \$150, Sept 3rd 10:00-4:00
- Beginning Lathe Turning Fundamentals by Tim Kluge \$125, Sept 17th 10:00-4:00
- Bowl Turning Basics by Tim Kluge \$125, Sept 18th 10:00-4:00

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

- Check with store for July events

CWT MENTORS

Cascade Wood Turners has a mentoring program and the member turners providing assistance are listed in the "Resources" section of the club's web page <http://www.cascadewoodturners.com/resources.htm>. These members are available for you to contact if you need help in different areas of woodturning. If you would like to be a mentor yourself and be contacted with woodturning related questions e-mail me at turningwood@bendbroadband.com and I will add you to the list!

QUICK LINKS:

There is a listing of web links used by club members in the "Resources" section of the web site <http://www.cascadewoodturners.com/resources.htm> . If you have a favorite or new site that would be useful to club members, e-mail it to me to include it with the list. turningwood@bendbroadband.com

CLASSIFIEDS

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

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FOR SALE: JET 1220 — 6SPD Midi Lathe never been used, new 5 piece Crown Sheffield HSS turning tool set, Wolverine sharpening jig and an 8" slow speed grinder still in the box. Everything you need to begin turning, brand new and big discount. Call Jerry (541) 550-6299

FOR SALE: Ridgid 14" band saw, great condition with extra graphite guide blocks and 6 extra guide bearings. \$200. Call or text Eric von Beck at 503-320_5397 or email evonbeck@gmail.com

FOR SALE: Unused 14-inch Delta 46-715 Lathe, manual and a new lathe tools are included. Please email and include your mobile phone number and an indication of when you could pick this up. \$700 - Pick up is in Banks area. Ellen at windfalldesigns@comcast.net or 503-704-6976.

FOR SALE: Oregon Burl and Blank

-Hardwood and softwood burls -Hollow form turning wood -Pen blanks
-Bowl blanks -Cut to order

Recently sold and/or current material - Douglas Fir root burl, Maple burl slabs, Cherry burl bowl blank, Madrone pen blanks, dimensional rough sawn Cherry boards, Madrone, Pacific Yew , Oregon White Oak, Black Walnut , Oregon Ash

For pricing and pictures call Brandon Stadel 503-409-5677 brandonstadel@yahoo.com

FOR SALE: Powermatic tail-stock swing away, brand new at a special price. This sells from Craft Supply for about \$360 including freight. You can take it home for \$299.



Skip Burke (503) 233-4263 drgramp@comcast.net

Turning Times

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. 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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Happy Woodworking to you! Les and Susan!



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