

Catoctin Area Turners

<http://catoctinareeturners.org/>



Next meeting: Thursday 13 June, 2013, 6:30 pm
Location: Banshee Reeks Nature Preserve,
Leesburg, VA



Volume 5 Issue 6 – June 2013

“AAW International Symposium” Tampa, Florida June 28 - 30

By Ron Cote

This is a great event to attend in any year. The locations of this annual symposium rotates around the country in order to give opportunities to those either unwilling to travel far or unable to attend each year. As an example, Phoenix, AZ has already been selected for the 2014 symposium. It has also been rumored that there have been negotiations to have the 2015 symposium in the Baltimore area. I will be attending this year's symposium and hope to hear more about the 2015 possibilities.

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For those not familiar with the AAW rotation format, I'll describe this year's process. The day starts at 9 am with a choice of attending any 1 of 16 demonstrations for that time period. Most of the demonstration rooms will be equipped with cameras and TV monitors. Each demonstration lasts approximately 1 hr 20 min followed by a short break in order to move on to the next demonstrations/rotations. There are 11 rotation periods throughout each day. Some presentations feature fundamental turning, embellishments, different panel discussions, photography, and just about anything to do with woodturning. The vendors are a who's who of woodturning with excellent show specials.

So, whenever your schedule ever permits you should make the AAW Symposium a place to one day attend. I'll see you at this year's symposium if you shall be attending. You can look for me with Bob Rosand and Ruth Niles.



The President's Page

Terry Lund

As I am writing for the next newsletter, we will be leaving for a week in Portland OR to see our newest grandson who was born on April 16. Obviously we are excited to see him in person and to spend some time with mom and dad (our son). We've been enjoying daily updates via lots of pictures and videos, but it's not quite the same. This is our 6th grandson and just one granddaughter, Emily. Emily is one of the twins who are now 3 years old that most of you have heard me talk about.

Following our discussion at the May meeting, we've moved the CAT picnic to Saturday July 13. So, we will not have a regular meeting in July. However, we will have our regular meeting on Thursday June 13.

As a reminder for folks who were not at the May meeting, the Western Loudoun Artists Studio Tour (WLAST) will be held June 22 and 23. We will have great CAT representation at this event with Don and Harriet Maloney participating at their shop and Dale Bright participating at his shop. Details can be found at <http://wlast.org/dir.htm>. Over 60 artists will be displaying their work and many are doing demonstrations over the course of Saturday and Sunday.

I hope everybody has been able to take advantage of the great deals provided by Juan Gil's efforts with multiple group buys the past couple of months. This can be one of the most valuable benefits of CAT membership. At the June meeting we should have the initial order of CAT polo shirts and smocks which Graham Taylor has helped organize for the club. Thanks to Graham and Juan for their extra efforts to help the club with these activities.

There are a great number of online resources related to woodturning, and perhaps we should feature some of these sites and sources of information in future newsletters. One of my favorites, which I have mentioned in the past, is World of Woodturners (aka WoW). This is a "by invitation only" membership site, but any existing member can invite new members, and I would be glad to provide an invitation for any interested members. This site features a "photo of the day" and an amazing variety of items uploaded by members each day, as well as a comprehensive "files" section with a ton of valuable information about virtually all aspects of

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President's Page

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By Terry Lund

woodturning, and it's easy to search the whole site, which is hosted by ancestry.com

Another interesting site which I just recently found is <http://www.woodturnersunlimited.com/> and this site offers a lot of good information about the more artistic or creative aspects of our woodturning hobby. They provide regular critiques of design aspects of various turned pieces, and they also have a discussion forum.

Speaking of discussion forums, Wood Central is perhaps one of the largest discussion forums related to woodworking in general that I know about. It also has a ton of valuable information related to woodturning and you can find it at <http://www.woodcentral.com/>. Perhaps we will review some of the discussion forums in a future newsletter, and let us know your favorite online resources for woodturning.

Terry Lund
CAJ President

May Demonstrator



By Patrick O'Brian

May Demonstrator

Winged Bowls

Upcoming Demonstrations

By Dave Robinson

Jun13: Terry has been a “handy man woodworker” for most of his adult life, and was lucky enough to find a home in Waterford VA which includes a two story workshop/studio that he uses for his woodturning activities and his wife Sandy uses for her weaving activities. Terry got bit with the woodturning bug when he attended Campbell Folk School in Brasstown NC and took a course on turning bowls from Jamie Donaldson in 2007, and he attended the Richmond AAW symposium in 2008.

Terry enjoys many different types of wood turning and has done bowls, pens and pencils, wine stoppers, ice cream scoops, pepper mills and salt grinders as well as salt shakers and some boxes. He’s primarily interested in more functional turning than “artistic stuff” but he also enjoys seeing the amazing pieces that other people produce.

Terry’s demonstration will discuss various types of mechanisms which he has used to produce pepper mills and salt grinders and also some techniques he has found to be helpful to be more efficient when producing more than one mill at a time. He will also discuss some of the design implications for making mills of different sizes and shapes. Terry will also cover some of the issues or limitations for making mills with a mini lathe.

Jul 13: Annual Picnic

Aug 8: TBD: **Tom Zepeda**

Additional Thoughts From Dave

We will be implementing two new events and maybe a third. I'll let you know when something firms up on these:

1. A (monthly?) shop tour of a veterans shop.
2. A (monthly or as announced) Skill Enhancement - Hands on day.
3. A few guys have met a few times at Anthony's in Purcellville. We figure, Ya gotta eat ... and if woodturning comes up ... oh well. My vision is that would be to have a couple of "Lunch Bunches" maybe in the north and south end of our range. It's an easy thing to invite people too. Last week we had 2 non members (soon to be members) come to our lunch group. I'm thinking of bringing a few pieces for critique also ... a mini show and tell in the middle of the restaurant! We're prototyping this & will keep you all posted.

Odds and Ends

Upcoming Events

Membership Renewals: As an additional reminder, please either renew your CAT membership at the next club meeting, or send your membership dues directly to our treasurer, Dennis McCormick. His address information can be found on page 8.

AAW Symposium:

The annual AAW symposium will be held in Tampa, Florida this coming summer. The AAW symposium is an event that all woodturners should strive to attend. Dozens of world renowned turners are always featured. For more information on the symposium go to

<http://www.woodturner.org/sym/sym2013/index.htm#registration>

Pen World: <http://pencentral.com/>

August 10 / 11 is the date to save if you want to see what pen aficionados drool over. This show is normally held at the Sheraton Premier hotel just off of the toll road on Rt 7 at Tyson Corner. It is very worth attending.

Anchorseal: Just a reminder that Terry Lund does have anchorseal for \$10 a gallon. Please see Terry Lund at the meeting.

Colorwood: If anyone needs any colorwood, please either give Ron Cote a call or send him an email and he will bring some to the meeting.

Upcoming Club Events

And a word from Our Operation's Director
Charlie Wortman

Upcoming Turning Events

Down The Road:
Joshua's Hands, October 2013
Turning For The Troops, November 2013

The Editor's Bench

Ron Cote

I'm pretty excited as I write this month's newsletter for a number of reasons. It's May 31 and this was my last day of full time employment. A funny thing happened as I was trying to completely retire. My company has asked me to continue to work on a part time basis from home for about 5 to 15 hours a week. I must admit this will be a very nice transition.



Another reason for my excitement is I will be attending my high school reunion for the first time in 50 years. The school presents everyone attending their 50th reunion and commencement with a golden diploma. Also, I haven't seen any of my classmates since graduation as I entered the Air Force only couple of years after graduation, and have never returned for any other reunions. I really can't imagine that I will really recognize anyone without a name tag.

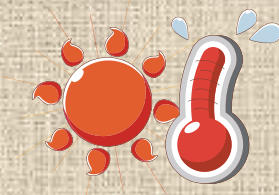
Finally, I'm really looking forward to my participation at this year's AAW International Symposium. I have been invited to support and join both Bob Rosand and Ruth Niles at their vendor booth. Although that I have prepared both colorwood bottle stoppers and pen blanks to sell, my greater intention will be to meet turners the have read about over the years.

On even a more personal note, I have a cousin who lives in Texas that has been turning for only a couple of years.. I have been able to convince him to attend this year's AAW symposium. I have only seen him maybe 2 or 3 times over the past 50 years, and those meetings were at our relative funerals. We have more in common now then we ever have.

The summer time temperatures have finally arrived. So you all be careful when working or playing outside and stay cool.

Newsletter Editor

Ron Cote



Monthly Meeting

Next meeting: **Thursday**, 13 June 2013, 6:30 pm

**Location: Banshee Reeks Nature Preserve,
Leesburg, VA**

The June demonstrator/speaker:

Terry Lund



Membership Renewals

Membership dues for 2013 will be accepted at our next meeting. Should you not be able to attend, you are certainly encouraged to make your checks out to Cactoin Area Turners and mail them to our treasurer.

Individuals: \$30

Family: \$45

Dennis McCormick
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Dale Bright

- Lending Library
- Representative to VWI
- Raffle Tickets
- Equipment listing
- Web site
- Gallery Photos
- Bulk Purchases
- Arborist Extraordinaire
- Newsletter Proofreader
- Mentor Monitor

Show & Tell



By George Carrigan

Norfolk Pine Vase

And

Rosewood Vase



By Harriett Maloney

Natural Edge Bowl & Foot / Rosewood / Wax



By Scott Schlosser / Segmented Bowl

Tiger Maple, Purple Heart, Walnut – Deft Semi Gloss

Show & Tell



By Roy Aber
Banksia Pod & Cherry Hollow
form / Friction Polish



By Harriet Maloney
Big Leaf Maple Burl
Pot in a Bowl / Wax



By Marc Kaplan
Ambrosia Maple Platter / Bring back Item
Beall Buffed



By Dale Bright
Natural Edge English Walnut Bowl
Walnut Oil

Show & Tell



By Dale Bright
English Walnut Vase
Walnut Oil



By Dale Bright
Ambrosia Maple Vessel
Walnut Oil



By Don Maloney
Urn for Sr Chief Sullivan
Ambrosia Maple / Ren Wax



By David Roseman
Natural Edge Ambrosia Maple Bowl
Woodturners finish (water based poly) / Ren Wax



By William Siryani
American Twist Pen
Spalted wood
Bees Wax

Chucking

By Tom Boley

Yeah, I know that some of you, when you saw the title for this article, immediately had the vision of up-chucking. That is not where we are going today! This is about woodturning and getting your stuff to hang onto the lathe while you are shaping it.

There are several methods of holding the wood on the lathe, the most basic of which is a spur drive. If you bought a lathe, you very likely got a spur drive with it. That is the piece with the Morse taper on the back end, a point in the middle of the fat end, and four relatively sharp vanes sticking out from the face of the fat end and surrounding the point.

Let me comment for a moment about the Morse taper. Inside the threaded drive on the headstock is a hole which goes through the entire headstock. That hole is tapered to smaller as it goes in. When you put a corresponding tapered piece in the end, such as that spur drive, it mates with the taper in the drive and will not allow the spur drive to be pushed farther in no matter how much pressure you put on the piece with the tailstock wheel. But you must take care of it. All the Morse tapers at the drive end of the lathes with which I am familiar are #2 Morse tapers. Morse tapers come in sizes from a #0 to a #7, which is more than 3" across! The ones you will likely see are #2 and #3. Keep it clean. Woodcraft and other sources sell a hard rubber reamer and you should have one so that you can clean the taper out occasionally to ensure a good mating. Don't use grease, oil, WD-40, or any other lubricant on this. If you notice a burr on the taper of the tool you intend to insert, carefully file it off smoothly before you insert it or you could damage the interior of the tapered hole. Most lathes have the #2 Morse taper on the drive side and some have a #3 Morse taper on the tailstock side.

So, back to the spur drive. These are most often used for spindle turning but may also be used for other jobs as well. Center the spur drive on your piece, bring up the tailstock with a live center (also known as a bearing center) to the other end, and then tighten up the tailstock end so the spurs bite into the left side of your wood.

There is also something called a "safe drive" and is a good tool to have in your kit. The safe drive is sort of like a spur drive and is used the same way but doesn't have the spurs. Instead, around the point is a smooth ring of steel which will bite into the end of your spindle blank with enough force to drive it but if you get a bad catch, instead of tearing out a chuck of wood,

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Chucking

By Tom Boley

Continued from previous page

the spindle will just stop in place while that safe drive continues to spin in the end of it. These are really only used for spindle work but can save you having to start over again if you get a bad catch while making that table leg for your neighbor. Spur drives do come in different sizes and styles for different applications.

Moving up the chucking hierarchy, next is the collet chuck. This is a device which goes into that Morse taper in the drive and holds a piece by tightening a collar around flexible arms inside the chuck. When you are done, you remove the piece by loosening the collar.

Next is the screw drive. Essentially, a screw drive is just that, a screw of some kind which is screwed into a pre-drilled hole in the wood. As the wood is screwed onto the screw drive, it indexes up against the face of the chuck which provides stability to the piece. When you buy a four-jaw chuck, which we'll discuss in a moment, you get a spur drive with it. Grip the base of the screw in the center of the standard size jaws and tighten it well. When you screw on the wood, it will index against the top edge of all four jaws and be quite stable. There are also dedicated screw chucks such as the Jerry Glaser Screw Chuck, an expensive but absolutely outstanding piece of equipment. See Alan Lacer's web site for a picture -- <http://stores.alanswoodturningstore.com/-strse-47/Glaser-Screw-Chuck/Detail.bok>. You will notice that the basic unit has a small face but it comes with a screw-on collar which gives the option of two more face sizes. And there is a larger collar yet which is available for the next two sizes. The thing about a screw chuck is that the piece of wood must index down on the face of the chuck in order to be stable. There is also a very small screw chuck which is available into which you place your own wood screw for turning small stuff such as drawer knobs.

And now, the four-jaw chuck. Several companies make these, with different prices. All come with their standard #2 jaws and a screw for screw-chucking as I mentioned above. The great thing about four-jaw chucks is that you can get a wide range of jaw sizes and shapes for holding nearly anything which will fit into the jaws. For example, when turning a bowl, shape the outside of the piece of wood and cut a tenon on the bottom to fit the jaws of the chuck. When you reverse the bowl, grip the tenon in the four jaws of the chuck to be able to access the inside of the bowl for hollowing. Note the shape of the jaws. Some have a straight up and down face with several sharp ridges to grip a tenon.

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Chucking

By Tom Boley

Some are shaped to fit a dovetailed tenon. Pay attention to the shape of the inside face of your jaws so you can shape the tenon accordingly for the best grip. Many companies make these – Oneway, Nova, Vicmarc, and others. Besides gripping a tenon by tightening around it, four-jaw chucks can be used to expand into a mortise in a piece, too. For example, you could cut a mortise into the bottom of a platter, place that mortise over the jaws of the chuck, and then expand the jaws to grip the inside of the mortise. A four-jaw chuck is an expensive addition to your kit but will be one of the best buys you make in woodturning.

Finally, one more chucking method to mention is the vacuum chuck. A hollow tube is mounted into a base of some kind with soft material around the top edge of the tube. The base into which the tube is mounted has either a small face plate or a threaded nut imbedded in the base which will screw onto the drive. A vacuum pump is attached to draw vacuum through the headstock. When turned on, the vacuum may draw as much as 25psi, firmly holding whatever you have across the face of the tube. These may be used in many applications but are especially useful for finishing off the bottom of a bowl without the tailstock in the way.

This is by no means all the information available on these common methods of gripping wood for turning but is meant to pique your interest in methods which may be helpful to you. Talk to your fellow woodturners about these methods and see what works for them. You will surely find many who would be quite willing to have you visit their shops for a first-hand look at chucks and their many uses.

Group Buy Report

(by Juan Gil)

Craft Supply

We concluded another successful groupbuy from Craft Supply and I will deliver the goods during the Jun CAT meeting.

Smocks

Thanks to Graham, we will have our smocks ready to be picked up at the Jun meeting.

As always, we have in inventory Ruth Niles bottle stoppers at \$5 ea, CA glue at \$6/ bottle and Accelerator at \$7/can

*Happy Turning
Juan Gil*



Thanks Juan!

Lathe & Equipment Listings

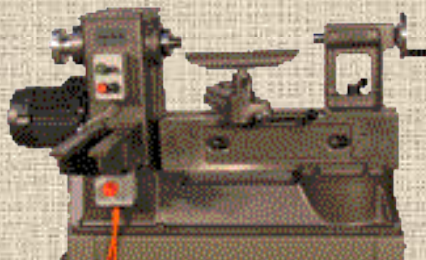
Juan Gil

Juan Gil is now maintaining a listing of what lathes members own which can be used by other members who might be considering a purchase of a new (or additional) lathe. Juan is interested in adding some additional information to this listing to also include some specialized tooling or other items that might be of interest to other members, such as the following items:

1. Hollowing system(s)
2. Coring system(s)
3. Favorite turning tool
4. Favorite homemade tool
5. What model bandsaw
6. What model(s) chainsaw
7. Favorite web site related to woodturning

There will be a copy of the current listing of member lathes at the June 13 meeting, and Juan will have some sign-up sheets to submit this additional information, or you can now contact Juan Gil via email at juanggil@att.net (his information is also listed on the contact page on CAT web site to get a copy of the form if you are not able to attend the meeting).

NOTICE * Equipment Manager
Juan Gil



Mentoring Program

We have established a mentoring program for CAT members, so Dale Bright is looking for volunteers to be mentors as well as requests from any of our members who would like to be paired up with a mentor in one of the following areas of interest for turning skills, or for general mentoring activity. Dale will have sign-up forms for those who want to be a mentor as well as for those who would like to be matched up with an assigned mentor at the next meeting on **June 13**. If you are interested in either opportunity but will not be at the meeting, please contact him via email at frog21@comcast.net or call him at home at 540-751-9121. Please include your name, address, phone number, email address, and indicate your level of experience as Beginner, Intermediate, or Experienced when requesting a mentor.

We will try to match interested individuals with a mentor who lives “reasonably close” whenever possible, and if we get enough mentors to sign up, we will also try to match based on one of the following areas of interest, or feel free to mention another area of interest.

Areas of interest for mentoring

Functional turning	Ornaments and small items
Artistic turning	Pens and Pencils
Bowls	Lidded Boxes
Natural Edge Bowls	Segmented turning
Square Bowls	Spindle turning
Hollow forms	Turning/Chasing Threads

And the New Mentor coordinator is
Dale Bright

Member Discounts

Woodcraft of Leesburg



Leesburg Plaza

512 E. Market

Leesburg, VA 20176

Phone: 703-737-7880

Fax: 703-737-6166

Leesburg@woodcraft.com

Store Hours: Sun: 9 AM— 5 PM Thr: 9 AM— 9 PM
Mon: 9 AM—9 PM Fri: 9 AM— 9 PM
Tue: 9 AM— 9 PM Sat: 9 AM- - 6 PM
Wed: 9 AM— 9 PM

Show your CAT membership card and get a 10% DISCOUNT! Valid Thursday thru Sunday of each monthly meeting week.

Dunlap Woodcrafts

Located near the Dulles Expo Center at
14600F Flint Lee Road, Chantilly, VA 20151
Tel (703) 631-5147 Fax. (703) 631-7103

Discounts are available to CAT members

Purchase \$100 and receive a 10% discount
Purchase \$250 and receive a 15% discount
Purchase \$500 and receive a 20% discount

I would suggest that you give them a call prior to making the trip to ensure that they are open.

Turning Classes

Leesburg Woodcraft Woodturning Workshops 2013 Schedule

June 14	Beginning Pen Turning
June 15	Bowl Turning
June 16	Segmented and Inlay Pen Blanks
June 21	Turning a Ball
June 25	Turn a Pepper Mill
July 6	Turning a Natural Edge Bowl
July 7	Introduction to the Lathe
July 19	Beginning Pen Turning

