Craft, Technology, and Tradition.



The Monthly newsletter of the Chicago Woodturners

April 2013

eadline News

2013 Demos and Hands-on Classes

All day Saturday demos are held at our normal Christian Liberty meeting room. Sunday one day classes and Monday/Tuesday 2 day class is held at Normac.

Mike Hosaluk: April 13-16
Alan Lacer: June 1-4
Bonnie Klein: November 9-12.

Signup is open and hands-on classes are filling up fast. See page 19 for more details.



Mike Hosaluk Demo April 13 at CLA

You don't want to miss the opportunity to see one of the most creative woodturning artists you can find.

Past President Challenge

Don't forget to bring in a top turned predominantly with your non-dominant hand. Why you ask. Well its good to know how to turn with both hands and in April you can win prizes.

Yes- We trust you. Phil will judge at the April Meeting.

Mentoring

The open format of the last few months has been very popular so Darrell will continue with "bring your tools and problems". Bring in a tool your having trouble with, a problem turning, or any question to discuss. A lathe and grinder will be available. Darrell is encouraging other experienced turners to join the session and share their knowledge.

There will be no mentoring on the 13th due to the Mike Hosaluk demo

2013 Meeting Agenda					
Month	Gallery Review	Demonstration			
April	Clint Stevens	Baxter Threading Jig—Andy Kuby			
May	Alan Carter	Natural Edge Bowls—Ken Staggs			
June	Roger Basrak	Build a Wood burner - Al Miotke			
July	TBD	Wands—Don Johnson			
Aug	TBD	Offset Turning—Clint Stevens			
Sept	TBD	Desk Clock/ Rose Engine—Paul Pyrcik			
Oct	TBD	Open Segment Turning—Bill Robb			
Nov	TBD	DIY Tools—Francisco Bauer			
Dec	None	Christmas Party			



President Scott Barrett

Thanks to Jan and Paul Shotola for an excellent impromptu gallery review

Presidents Curls

Spring is finally arriving and it coincides with "Demo Season". As I have outlined in previous months, Richard Nye has put together an international group of demonstrators for the 2013 schedule. It all gets started on April 13th with Michael Hosaluk. We will follow his program with Alan lacer in June, Hans Weissflog in July, (contract is still pending), and Bonnie Klein in November. If you haven't already marked your calendar and signed up for a class, now is the time. We are fortunate to have this schedule far enough in advance to stimulate interest. (winning tickets 103743 and 103791) The one and two day classes are filling fast, and as always, space is limited. Saturday demonstrations will be at Christian Liberty, and classes are held in our Geneva location, NORMAC.

Al Miotke, our newsletter editor, took the time at the March meeting to recognize Paul Rosen. Paul is a somewhat silent member that contributes so much to our club. He has been involved in all 3 Turn-On! Chicago symposiums. He has provided his personal audio equipment, setup, and assistance. In addition he has been a prolific writer for Al and his newsletter. Like Al, he has never missed a deadline! Our club needs more people Like Paul. If you see him at the next meeting, thank him for his contribution.

At the April meeting Phil Brooks will judge the "Past Presidents Challenge". He has proposed turning a top, with a twist. You must use your non-dominate hand for the majority of the cutting. This is a good exercise in learning how to bring ambidexterity into your woodturning projects. Phil has withheld the criteria he will judge by, so it should be an interesting contest.

Lastly, I would like to thank Jan and Paul Shotola for their impromptu gallery review. It is so rewarding to be a part of Paul's return to woodturning. Less than 2 short years ago Paul's future was very uncertain. I was one that didn't have much hope he would ever hold a turning tool again. It's a good thing he didn't listen to me! I feel it won't be long before the gallery table will be graced with one of his beautiful goblets or bowls. It's entirely conceivable we will refer to him as "President Paul" once again. Good officers are sometimes hard to find. No mention of Paul's progress should go without also giving credit to Jan. Paul is fortunate to have a dedicated partner to guide and help him through the journey of his rehabilitation. Many of our club members have participated at one level or another with this journey. The list is too long, but you know who you are. It's a good time to reflect on the impact of your individual contribution to this marvelous story.

Now get into the shop and turn a top. It won't be long before Don is calling for donations to the Empty Bowls for Food!

See you in April.

but Daniel

The March 12th Chicago Woodturners meeting was started at precisely 7:00 p.m. under the auspices of President Scott Barrett. Scott detailed the liability insurance which has been provided for our club by the American Association of Woodturners. Unfortunately, this insurance has become prohibitively expensive. AAW has found a less expensive insurance, but there are some caveats.

The main one is that all demonstrators and participants must be AAW members. That's just one more reason to ignore the minor fee and join the AAW.



Newsletter editor Al Miotke expressed gratitude for article contributors. He singled praise for Paul Rosen for his outstanding straight forward summary of our excellent and often complex monthly demonstrations.

Darrell Radar asked for mentoring participants and hosts. Clint Stevens offered his shop in Chicago and got three participants to commit to a Saturday session. Darrell emphasized that the groups were not for beginners only. Darrell also made available a copy of Bhin Pho's latest book which was for sale at his one man art show in the Mobile Museum of Fine Arts.

Michael Hosaluk will conduct an all day demonstration for CWT on Saturday, April 13th. Rosemary Pagura reported that one slot was still open for Michael's hands on session for Sunday April 14th. There are no openings for the two day hands on session.

Our community liaison Andy Kuby reported a number of woodturning solicitations which have been fulfilled by club members. If you have a talent that you would be willing to make available for hire (or free), please let Andy know.

Don McCloskey is once again in charge of our Empty Bowls efforts. You can avoid Don's effective late year persuasion techniques by making and donating turnings to the very worthy Empty Bowls endeavor now.

Phil Brooks announced his presidents challenge of making a turning with only the hand that you don't usually use. As an example, if you usually turn with the right hand, the entry should be turned only with the left hand. The entries are to be two tops under four inches. The contest will continue in April as they turn up.

Roger Basrak reported 67 members in attendance, 158 paid members and two new members. We had four guests at our March meeting. Roger also raffled off valuable prizes.

Chuck Svazas conducted a raffle where even more valuable prizes were given away.

Paul and Janice Shotola added their unique and welcome review of the instant gallery.



Jason Swanson gave a stunning demonstration on spiral techniques for pen turners.



February Raffle Chuck Svazas

The March Raffle Winners:

Clint Stevens—Ash squares

Bill Robb—Walnut turning squares

Wayne Rhein—Banksia Seed pod

Joe Wiener—Small Berger tool

Dawn Herndon Charles—3 small blanks

Dick Dlugo—Artist in wood color kit

Total income \$160

March Raffle Items

- 3/8" super flute gouge
- 2007 AAW Portland shirt from Paul Cavanaugh
- Cut Proof 2XL glove
- 3pc caliper/divider set
- 9 pen blanks
- 2pc maple from Owl Hard woods

Membership report

Julie Basrak

Chicago Woodturners currently has 164 members who have paid for 2013. There are 39 people who were members last year who will be encouraged to join us for another year. At the March meeting we had 67 members present, as well as 3 new members and 5 guests. Our new members are Lee and Maria Alkureishi from Chicago and John Szmyd from Mundelein. Our guests were Donald Bergren from Huntley, Joe Ervin from Northbrook, Bill King from Carol Stream, Gary Klein from Highland Park and Vincent Makhlouf from Glenview. Since the meeting, Joe Ervin sent in his application and check, becoming our newest member. Thanks, Joe, and welcome to CWT!

As in the past, we ask that, if you would be available to greet new members and answer any questions they might have, please let Roger & Julie know when you pick up your name badge. Thanks!

Empty Bowls for Food

Don McCloskey

On December 7, 2013 the Chicago Woodturners will set a booth at Empty Bowls for Food. .Please turn a bowl, ornament, pen or whatever is to your liking. Lets make this year a banner year for our CWT and Empty bowls for food. 2012 we collected 92 items with a total donation of about \$2700.00.

I will be collecting donations starting now! 2013 goal is 100 items, remember to sign your work and lets have fun.

Laminate Pens Paul Rosen



Jason Swanson is known for his turned pepper mills that contain multiple species of wood cut and assembled in elaborate glue-ups. For our March meeting, Jason showed us how he performs some smaller glue-ups to make turned pens with a spiral or helix pattern of different wood species. Jason modestly dismisses the process as "stupidly simple," and to him, I guess it is. But the devil is in the details, as they say, so Jason was kind enough to share his secrets so we all try to make a spiral pattern pen blank.

The process starts with three different species of wood, such as cherry, walnut, and maple. The wood must be ripped on a table saw to yield two pieces that are 1/2-inch square and a third piece that measures 1/2-inch by 1 inch. Jason uses a thin-kerf 60-tooth Forrest Woodworker II blade with a 3/32-inch kerf. He also recommends using a zero-clearance table insert, not only for reasons of safety, but also because it helps to make cleaner cuts. You difficulty finding have may conscientious woodworker, as Jason has been using the same sawblade for the past five years. What is his secret? He cleans the blade every week with CMT bit and blade cleaner, using a brass bristle brush to clean the carbide teeth with the citrus-based cleaner.

After the three strips have been ripped and cut to length, Jason uses Titebond Glue (red top) and a lot of spring clamps (five on each side) to make certain that the strips are flush against one another. Setup time for the Titebond Glue is about 10 minutes. The glue-ups are placed on waxed paper and allowed to dry overnight. After the clamps come off, Jason removes the excess glue with a scraper and then runs the glue-ups through a drum sander equipped with sandpaper from Klingspor.

For his pens, Jason likes to use the Wall Street II model, available from Woodcraft. These pens require a 27/64-inch drill bit, which Jason mounts in a four-jaw chuck on his lathe. He prefers to use the Colt brand from Woodcraft, which has a brad point design that gives perfect centering on the wood blank. (Standard twist bits have a tendency to wander off center upon entry into the blank, so the brad point design is a worthwhile investment here.) You could always use a drill press, but Jason feels he gets better results using the chuck on his lathe.

After the holes are bored in the laminated blanks, it's time to crosscut the pieces into squares that are 1/16-inch thick. For this type of precision, Jason uses a Wixey angle box to verify that his saw blade is at a dead-accurate 90-degree angle. Then he uses a special crosscut sled from Joint Tech (the yellow one). Jason feels that this was the best one on the market. Unfortunately, the manufacturer of the Joint Tech crosscut sled has passed away, so you'll be obliged to find an alternative or make one yourself from scratch. To get a series of slices that are exactly 1/16-inch thick, you must set up a stop block located precisely to the right of the saw blade. The location must be 1/16" plus the width of your saw blade kerf (usually 3/32" if you have a thin-kerf blade). After about 15 pieces, Jason stops the saw to pick up the offcuts. Try to keep them in sequence. The offcuts always have some fuzz at the hole opening, which Jason removes

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Laminate Pens Paul Rosen

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using a piece of sandpaper wrapped around a dowel rod.

Once the pieces are cut, you rough up the brass pen tube with sandpaper and prepare to start the glue-ups. Jason likes to use medium CA (cyanoacrylate) glue, aka superglue. He applies a bead of glue at the base of the tube and sets the first square of laminated wood in place. He uses a precision rule to mark each piece with a 3/32-inch line-the offset for each consecutive next piece. Most of where you need the glue is right at the juncture with the brass cylinder. If you hold the brass cylinder in a vertical position, you can twirl it as you apply the glue from a stationary position. Jason likes to leave "a smidge" of brass tube sticking out from each end of the glue-up. Once the stack of squares is complete, Jason likes to flood the outside of the glue-up with medium CA glue, maybe three or four times. After the CA glue soaks in, Jason uses the freezer spray (Fast Cap brand, at about \$10.50 per bottle). There's no difficult joinery You simply glue up a series of laminated squares to build a helix. Tedious? Yes, it is. But that's how you do it.

After the glue-up is complete, how fast should you turn it? Answer: zero RPM. Instead, Jason likes to use a 12-inch disk sander with 80-grit paper to knock the corners off the glue-up. After that, the sanded pen blank is mounted on a pen mandrel and turned as you would turn any other pen. After the blank is turned to a cylinder, Jason likes to finish it with medium superglue. He prefers this acrylic resin over friction finishes, which are dull and tend to wear off over time. Jason sets the lathe to about 500 rpm and holds the CA glue to the pen and then hits it with the freezer spray. Four coats are usually sufficient. Final

finishing is with the Micromesh brand of fine sandpaper, which is available in sheets or 2" square pads.

Any questions? See if you can find Jason at the next meeting. Or maybe take a trip up Route 41 about half-way to Milwaukee, and exit right at 7-Mile Road. At the stop sign, make a left, go under Route 41 and go about a block until you can make a right turn, to go in a big half-circle around 7 Mile Fair. When you hit Frontage Road, go left for about three blocks and vou'll find Kettle Moraine Hardwoods. It's a great place to buy hardwoods, both bowl blanks and turning squares for spindles. And if you're lucky, you might find Jason behind the counter. promises. But Jason does work there. Just remember: thev close at 3:00PM on Saturdays.



AAW "Photo's of the Week" in March



Week of March 18



Week of March 4 Kauri

Week of March 11 Ash, Purpleheart





Week of March 25

Chicago Woodturners Board of Directors and Committee Chairs 2013							
President,	Scott Barrett	847-562-9121	dr@bdental.net	46 Bridlewood Lane	Northbrook, IL 60062		
Vice President,	Don McCloskey	847-420-6978	mccloskey@ameritech.net	2028 Gilboa Ave.	Zion, IL 60099		
Secretary	Clint Stevens	773-852-5023	clint.stevens@comcast.net	1635 S. Chesterfield	Arlington Hghts, Il 60005		
Treasurer	Rosemary Pagura	(847) 524-0231	fpagura.sr@att.net	944 Wisconsin Lane	Elk Grove , Il 60007		
Past President	Phil Brooks	847-400-4539	philbrooks32@gmail.com	1052 Cheswick Dr	Gurnee, IL 60031		
Newsletter Editor	Al Miotke	847-297-4877	alan.miotke@chamberlain.com	920 Sumac Lane	Mt. Prospect, IL 60056		
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Librarian	Robert Schultz	815-245-7495	grislakers@att.net	2819 South River road	McHenry,IL 60051		
WebMaster	Mark Dreyer	630-406-9360	mg_dreyer@yahoo.com	1070 Sonoma Lane	Aurora, IL 60502		
Raffle	Chuck Svazas	708-482-3866	csvazas@sbcglobal.net	707 Bransdale Rd	LaGrange Park, IL 60526		
Tools & Equipment	Don McCloskey	847-420-6978	mccloskey@ameritech.net	2028 Gilboa Ave.	Zion, IL 60099		
Set-up / Clean-up	Duane Painter	224-643-7696	duane.painter@comcast.net	25680 Lehmann blvd	Lake Villa, IL 60046		
Audio & Video	Ian Kuhn	312-213-3772	ian@dmbroad.org	1510 Dale Dr.	Elgin, IL 60120		
Educational Committee	Darrell Radar	815-648-2197	drader@clear.net	10703 Allendale Rd.,	Woodstock, IL 60098		
Demonstrations	Rich Nye	630-406-1855	nyewoodturning@earthlink.net	40W257 Seavey Road	Batavia, IL 60510		

Once every year or two, Sorby Tools of Sheffield, England, sends a factory representative on tour across the United States to demonstrate their This year, the Rockler store in product line. Schaumburg hosted Sorby Sales Manager and long-time woodturner, Chris Pouncy, on February 6th. The problem is, if you didn't know in advance, you'll have to wait until next year to see the demo. (That is true, unless you check the schedule on the Sorby website, which tells you that on February 7th, Chris went up to the Rockler store in Milwaukee, to do a similar demonstration.) The good news is that Rockler offers a generous 20% discount on all Sorby tools for the day of the The bad news is that the state tax in Schaumburg is around 10%, so you really get only 10% off of MSRP. But still, it's cheaper than retail.

ProEdge Sharpening System



Chris started out his demo showing the Sorby belt grinder designed specifically to sharpen steel tools. It works with turning tools, as well as carving tools. plane blades. and chisels. The grinder runs

at 1440 feet/minute and is marketed with a unique, custom-length 2" wide belt with a flat butt join. That join is what prevents the tool from destroying the joint every time the belt comes around. (The belt runs toward the tool, so if you were to try sharpening on your own 2" wide belt sander, chances are your belt won't last long.) Robert Sorby provides belts in 60 and 120 grit aluminum oxide or ceramic coatings. The ceramic belt is said to last for nine

months, whereas the aluminum oxide belt lasts for six. Your mileage may vary, depending upon how often you sharpen.

The belt grinder is available with different attachments to help you position the tool you wish to sharpen. The first demonstrated was a flat ramp whose angle can be adjusted in 5-degree

increments relative to the plane of the belt. Chris used the ramp to sharpen both sides of a skew chisel at a 15-degree angle. The resulting grind is straight, not curved, and the bevel is flat. Adjusting the ramp to 45-degrees allows one to sharpen a spindle roughing gouge. Chris prefers to sharpen the left-hand wing, and then the right-hand wing. Then he joins the two grinds in the middle of the tool by rolling the tool while flat on the reference ramp.

For doing bowl (Sorby gouges gouges come preground from the factory at 45degrees), there is a shiny steel cylinder with four holes in it that you use, along with the standard angled toolmounting attachment that Sorby has used for years. The base of tool-mounting attachment fits into



the shiny cylinder. Use holes No. 1, 2, or 3 in the shiny cylinder to make a standard, slightly swept back, or very swept back (think Celtic or Irish grind) wing shape on your bowl gouge. Of course, you need to set the tool projection when it is placed in the mounting attachment, usually at 2-inches. And the mounting attachment comes standard with a 120-degree angle in it, but you can change that if you want. Just remember to write down the tool projection and the jig angle, in order to be consistent next time you come back to grind your tool. If you don't, you'll make a "new" angle, spend more time making it, grind off more steel, and reduce the life of your sanding belt.

The beauty of the Sorby belt grinder is that it's relatively quiet, and while it can warm up the tip of the tool, it is unlikely to blue the tip as you can with a high-speed 8" wheeled grinder. One can also adjust the angle of the belt relative to the floor, to make holding the tool more comfortable. The disadvantages are that you *must* use the Sorby belts with the flat butt join and custom length. Sorby is the sole source. And finally, it ain't

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Rockler Hosts Sorby Tools

Paul Rosen

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cheap. MSRP is over \$500.00, which puts it in Tormek territory. But the Sorby system is well-designed, offers a complete line of attachments, and is built like a tank.

A word of wisdom: Chris offered this pearl of advice: "If you *think* your tool needs sharpening, it does."

TurnMaster



Next on the agenda w a s a demonstration of the Sorby Turn Master system, which is based upon replaceable-tip tools. Tool tips are available in

tungsten carbide (TC; very hard but somewhat brittle), high speed steel (HSS; sharper than tungsten carbide, but won't hold its edge as long), and titanium-coated HSS. Chris recommended using the TC tips for rough cutting, and then the HSS for final finishing.

The TurnMaster system consists of metal handles in 16" or 22" lengths, along with custom tool-tip collets to accommodate 5/8-inch, 1/2-inch, or 3/8inch diameter tools. The tool tips themselves are available in round, square, or diamond shaped configurations. The square tipped tools are recommended for doing the outside of a bowl or turning tenons. The round-tipped tool is used for the inside of a bowl or concavity, such as the inside of a turned box. Used flat, the round-tipped tool hogs out the inside of a vessel. Used at a 45degree angle, it is a shear scraper. And unlike a bowl gouge or spindle gouge, which can only be used properly in one direction, one can move the insert-tipped tools (in the flat orientation) in either direction (left or right) with impunity.

The beauty of replaceable-tip tools is that you can opt never to sharpen them. Simply replace the tips when necessary. However, if you purchase the HSS tips, they can be sharpened easily by running a medium-grit diamond stone over the flat of the tool. No special skill required! And the learning

curve with replaceable-tip tools is a lot faster than with standard lathe tools. The downside: replaceable-tip tools are a little heavier than their wooden-handle counterparts, and acquisition cost is a bit higher. On the brighter side, if you opt for the replaceable-tip tool system, you won't need to spend over \$500.00 on the fancy schmancy belt grinder. You'll simply shell out \$15.00 to \$20.00 on a new tool tip if the original tip wears out. And, you need to purchase only one handle/shaft assembly, as the system is modular. You can then purchase the round point, square point, and/or diamond point assembly, and each will fit into the shaft using a collet and Allen wrench to tighten the insert.

For more information, see instructional videos on www.youtube.com (search for "Robert Sorby Tools"), or go to the company website, www.robert-sorby.co.uk).



Andy Kuby

#CSC600 Off-Center Chucking System, Penn State Industries \$140.00 plus shipping. Includes video disc.



This is a unique piece of equipment which facilitates a number of operations which are much more difficult with shop built jigs and much more expensive with other systems. There is a bit of a trade off in versatility and accuracy for the price.

The Chuck Body: This is a five and three quarter pound, chrome plated steel chuck with a 1X8 thread (perfect for the little OneWay or Jet lathes). The front of the chuck has a black steel movable spindle with a 1X8 threaded external thread and 1/2 inch internal thread. The spindle can be offset as much as 7/8 inch parallel to the axis of rotation by means of an internal cross screw. A 1X8 thread black steel lock nut is provided to secure the spindle in position. The front of the chuck case is marked with 0, 60, 90, 120, 180, 240, 270 and 300 degrees. The markings are stamped into the steel. There is a hole for a 5/16 inch tommy bar in the base of the chuck and a set screw to lock it on the headstock.

The chuck body is screwed directly onto the headstock and a second chuck (not provided) is mounted to the front spindle. The offset is adjusted using an Allen wrench to turn the cross screw inside the body of the chuck. Snugging the second chuck up against the offset chuck body will lock in the offset. There is also a 1X8 lock nut to lock the spindle in place if a second chuck or face plate is not used. The spindle must be locked down or the vibration will change the offset and ruin your piece. Obviously a large, heavy, scroll chuck will create

significant vibration all by itself and with a workpiece mounted, the effect is multiplied. Wood or metal faceplates could also be used but they do not allow for rotating the work to create a number of different sides. In use, the scroll chuck is solidly mounted to the offset chuck and the work is turned within the chuck using the degree marks on the face of the chuck (which should have been filled with black paint for better visibility) or other index marks on the scroll chuck. This type of system is obviously only as accurate as the marks and how well they can be seen. The offset chuck can be lined up to turn on center but there are no presets for this. Repeating an offset involves remembering the number of rotations of the Allen wrench used to move spindle; once again accuracy is limited. All of the movement of the offset chuck is perpendicular to the lathe axis.

The Multi-Port Holder: This is a one pound, two ounce piece of machined aluminum, threaded 1X8 to fit directly on the headstock. On the front of the Multi-Port Holder there are five M12-1.75 threaded holes, one at the center and four additional holes around the outside, 9/16, 11/16, 13/16 and 15/16 from the center. There is also a hole for a 5/16

inch tommy bar on the side of the piece (same size as Jet Mini knockout bar). Multi-Port The Holder is used with the Pen and Bottle Stopper Mandrels for repeatable offsets.



The Pen and Bottle Stopper Mandrels: The Pen Mandrel holds a single pen blank on a 7mm by four inch rod. The rod has a lock nut on one end and a spring loaded head with nine detents. The detents allow for the mandrel to be rotated and locked into position for three, four or six sided turning of the blank. The Bottle Stopper Mandrel is similar to the

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Review of off-center chucking system from Penn State

Andy Kuby

(Continued from page 10)



Pen Mandrel except the end is threaded 3/8 inch X 16 tpi to mount a stopper blank. The spring-loaded head and the detents are similar. The Pen Mandrel and the Bottle Stopper

Mandrel can be used in the Off Center Chuck by threading them into the internal thread on the spindle. This allows for a variable offset. The mandrels will also fit into the Multi-Port Holder which allows for repeatable offsets and a bit of counterweight (using a M12-1.75 by 30mm bolt, provided, in the opposite threaded hole). Obviously a pen blank does not have much material to shape, so light cuts, or shaping by sanding on the lathe, is necessary. Because of the vibration inherent in the system, the intersections between the sides are not as crisp as might be expected. With the bottle stopper mandrel the results are better. The spring loaded heads cannot be locked down at any of the

detents and there is some movement. Perhaps a stronger spring or a lock nut could have been provided. The mandrels are also limited to offset in parallel with the lathe axis.



Also included are three Allen wrenches, the 1X8 lock nut for the spindle, three 7mm spacer bushings and a M12-1.75 by 30mm bolt and nut to use a counterweight on the Multi-Port Holder.

Conclusions

I have turned three sided bottle stoppers and a three sided smart phone stylus using the Pen and Bottle Stopper Mandrels on the Multi-Port Holder. The stoppers turned out crisp and sharp although the threads holding the blank could be self tapping. The pen mandrel has a bit of vibration at the unsupported end. Light cuts are necessary. The video instructions suggest shaping by power sanding which results in a slightly softer look.

To turn an offset candle stick I used the Penn States #CSC500K Micro Chuck (one pound) to reduce the vibration caused by the offset scroll chuck weight. This works fine but all of the offsets were obviously parallel to the lathe axis. To create pieces where the work axis is at an angle to the lathe axis, I fitted the movable spindle with a pointed steb type center made from a M12-1.75 bolt and threaded into the spindle (Penn States has a drive center set with multiple heads which threads onto the 1 X 8 spindle which would work as well). The workpiece was then turned off-axis between the spindle and a live-center in the tailstock. The headstock center was marked with a groove cut into the bolt head so I could align marks on the base of the workpiece as I adjusted it. This allowed me to make a three sided cup without changing centers. I also tried turning the tenon on the work piece as a small sphere. Then the angle of the work-piece could be adjusted in the scroll chuck. This scenario worked better than I expected (I only had the workpiece jump out of the chuck once) but the turning is non-repeatable and you can't go back and touch up any face. I think the same effect could be obtained with larger ends on the spindle to allow for the live and drive centers to be offset from the axis of the workpiece (as in turning a spiral).

Overall, I am satisfied with the chuck system, realizing the limitations. With small modifications this system should surpass what I would have been able to do with completely shop built jigs, at a considerable savings in time and treasure.

Its in the Details









Member's Gallery



Andy Kuby Maple



Dawn Herndon - Charles



Don Steklac Maple



Bill Brown



Jason Swansen



Dawn Herndon Charles
Walnut



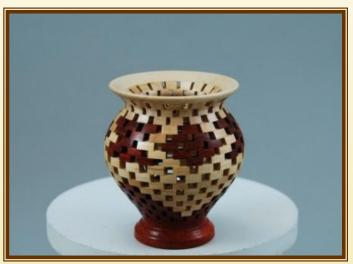
Francisco Bauer



Ken Staggs



Marty Knapp Oak



Bill Robb Maple, bloodwood & Paduak



Jerry Kuffel Red Oak





Jason Swanson



Bill Brown



Roberto Ferrer Applewood

March Meeting

Editor's Choice



Bob Nolan Basswood



Francisco Bauer Oak

Don McCloskey Maple and Cherry



Editor's Choice

Why select these goblets over the other 40 excellent items on display this month. Well, its simple, they are just plain cool. These pieces start with good form, a fundamental requirement for any good design. But it's the captive rings and carving that make Bob's pieces really stand out. We have all seen goblets with captive rings and many of us have tried the technique, but when you look at these goblets you notice the unique designs and added complexity that can only be achieved by combining creativity with perfect execution.

I'll make my personal selection each month.
You might agree or not, it's a democracy, but I'm the Editor.



Lars Stole Maple



Rich Nye Madrone



Phil Brooks Cherry



Bill Brown



Scott Barrett Walnut, Acrylic







Stan Herman



Francisco Bauer Ash



March Meeting



Marty Knapp Catalpa



Don McCloskey

Maple and Cherry



Scott Barrett
English Boxwood, Cocobolo,
African Blackwood

Lee Alkureishi Walnut



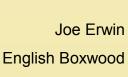
Andy Kuby



Al Miotke Yellow wood, Lacewood



Frank Pagura Locust





Bill Brown Walnut



Darrell Rader Walnut





Darrell Rader Walnut



Andy Kuby Oak



Roy Lindley



Joe Erwin



Richard Dlugo Bigleaf Maple Burl

2013 Demonstrations and Hands-On Classes

Demonstrator	Demo (CLA)	One-Day Class (NORMAC)	Two-Day class (NORMAC)
Michael Hosaluk	Saturday, April 13	Sunday, April 14	Mon-Tue, April 15-16
Alan Lacer	Saturday, June 1	Sunday, June 2	Mon-Tue, June 3-4
Bonnie Klein	Saturday, November 9	Sunday, Nov 10	Mon-Tue, Nov 11-12

One or two more demos and classes may be added in 2013.

Contact Rich Nye or Rosemary Pagura for details

Richard Nye, Demonstrations Chairman 40W257 Seavey Road, Batavia, IL 60510 630-865-7938

nyewoodturning@earthlink.net

Rosemary Pagura, Treasurer 944 Wisconsin Lane, Elk Grove Village, IL 60007 630-816-1019

rosepagu@gmail.com

Sign-up and tuition payment can be made at any CWT Meeting prior to the event.

Checks for classes may also be mailed to Rosemary Pagura once you have confirmed your slot in the class with her.

Prepaid demo admission fees and class tuition are not refundable, but may be transferred to another turner. Demonstration admission is \$30 at the door, but a 50% discount (\$15) is available to all CWT members signing up and paying their admission fees at any CWT meeting prior to the demo. Join CWT for \$25 per year and take advantage of the discount.

Tuition for Michael Hosaluk is \$120 for the one-day class and \$240 for the two-day class. Tuition for all other classes will be \$125 for one-day and \$250 for two-day. Tuition must be paid in advance to register for a class and guarantees the student's reservation.

All demonstrations will be held at Christian Liberty Academy (CLA) 502 W. Euclid, Arlington Heights, IL 60005. 9:00 am to 5:00 pm.

All classes will be held at NORMAC Manufacturing 2570 Kaneville Court, Geneva, IL 60134. 9:00 am to 5:00 pm.

For Sale, Trade, or Wanted

Contact the Editor to post your items

I'm interested in purchasing a used mini lathe. I can be reached by phone at 847-695-4805 or email at moorhouse.dale@yahoo.com.

-Dale Moorhouse.

Oneway 1224 wood lathe (built by a small family-run company in Canada using American steel). Approximately 7 years old, with less than 60 hours of use. I've enjoyed using this lathe for small gift items and have always been impressed with how smooth and quiet it is.

Unfortunately, I need to sell it due to health reasons. Asking price is \$1,850.00. Please feel free to contact me (608-836-5511) or by email at colour@mailbag.com with questions or for further information.

- Richard Bentley

My lathe is a vintage babbet bearing headstock with 18 inch swing. The bed is 14.5 feet long, but could be cut down to any length. I have a 6 foot tool rest, a 30 inch, and a 12 inch. There is a nice heavy faceplate and two custom made

steady rests. The motor is 3/4 horse with a 3 step pulley. The headstock also has a 3 step pulley. There are 3 banjos. The bearings are in good shape with shims still in place. I am asking \$1600 or BO.

Bob Neal 309-678-1277



Events

AAW 2013 National symposium June 28-30, Tampa Fl http://www.woodturner.org/sym/sym2013/index.htm

Ohio Valley Woodturners Guild Turning 2013 October 11-13, http://www.ovwg.org/2013-symposium-2/2013-symposium

Items of interest to woodturners for sale,
wanted, trade or free are welcome.
Non-commercial ads only, please.
Events of interest to woodturners are also welcome
To place an ad, contact Al Miotke at 847-297-4877
or email at alan.miotke@chamberlain.com



Monthly Meetings are held on the 2nd Tuesday of each month at:

Christian Liberty
Academy
502 W Euclid Ave
Arlington Heights,
IL
7:00-10:00 PM

Please join us All are welcome.

Visit our website

chicagowoodturners.com

Membership in the Chicago Woodturners is available to anyone wishing to increase their turning skills through education, discussion and critique. Annual dues are \$25.00 for a single membership and \$35.00 for a family. Visit our website for an application or contact:

Julie Basrak Membership Chairman

The Chicago Woodturners is a chapter of the American Association of Woodturners (AAW). Visit their website for more information.

www.woodturner.org