

THE CHIP FLYER

Golden Horseshoe Woodturners Guild Newsletter

No. 90

September 2004

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Program Night

Sep 16 We will start off the second half of the year with a demonstration with the duet orchestrated by Randy Hodge and Jim Meier on the intricacies of doing Coring ie cutting out the centers of a bowl, instead of just turning it into chips. This can result in getting a number of basic blanks. Something like that anyway. I am not sure if they could do it some musical score, but we will have to see?

Oct 21 Basic Bowl Turning demo by Doug Newlove Doug does a great job on this subject and we all have a lot to learn from him.

Nov 18 Demonstration by Art de Boo on spinning tops – regular and a whistling variety. These could make great gifts for Christmas.

Dec 9: Christmas Party. Venue to be advised

Program for next year will be in the October issue of The Chip Flyer.

Lew Rowlands

Think Tank

Sep 9 After a summer of nice weather, I hope you will have taken the time to use all that creative energy to turn a few things. In case you run out of ideas here is one, Please bring a flower. Yes – a wooden flower. There are thousands of species which incorporate a “bowl” shape in their basic flower structure. Using your imagination, a bit of colour, carving, burning etc. needs I say more ? Well see you in September.

Nov 11 The last month before all your woodturning gifts have to be finished. Lets all bring a few Christmas ornaments to the Think Tank round table and get some great ideas for the season.

Robin Le Sage

Hands On

14 Oct You have seen his large and elaborate laminated turnings on the show-and-tell table a few times. Now come and learn the science behind the making of a laminated bowl. Norm Kemp will impart some of his knowledge by showing us the in's and out's to the creation of a laminated bowl.

President's Message

Here it is the 23rd of August, the Ex is on again and our non-summer is quickly drawing to a close. For the past couple of weeks my mind has been gradually shifting back to upcoming guild activities and tasks. I think it has been a good summer for trees, at least someone said that a few weeks back. Perhaps our great-grandchildren will be woodturners and benefit from the summer season we have all endured in Southern Ontario!

On a more serious note, we are only about two months away from the Central Canadian Woodturning Competition at the Toronto Woodshow, the first week of November. Attached to this Chip Flyer are Competition Rules and Prizes. Flyers and Entry Forms will be available at all of the meetings in September and October and are available on-line as well at

<http://www.torontowoodworkingshow.com/toronto-woodturningcompetitions.htm>.

Note: There was an error on the website in the entry drop off times for Friday, November 5th. It should be 9-11 AM.

I would like to see a good number of entries from our guild and some of the \$4000 in prizes going home in the trucks of some of our member's cars.

We will need some volunteers to help out with logistics of the competition at the International Centre on Thursday, Friday and Sunday of that weekend. There is also opportunity for turning time in the exhibit area where we are co-hosting the competition with the Woodturners Guild of Ontario. There will be three lathes furnished by General and General International. In the next few days I will be working on this with Michael Bonnycastle of the WGO, and will have sign-up sheets at both September meetings.

Lew and his committee have a very interesting program lined up for us this fall and we can all look forward to getting "turned on" again to the many facets of woodturning.

Mike Brazeau

Library Notes

Steve Darley has done an excellent job of getting our library organized into a database and streamlined the borrowing-return process with the card system. Unfortunately the demands of work have made it difficult for Steve to be involved as much as he would like in a hands-on fashion. The assistance of Ed Hummel and Pat O'Brien is invaluable on meeting nights. George Jacquemain has been doing a lot of research on delinquent borrowers and has already reaped some returns. Steve indicated to me in June that due to work demands, he was going to have to give up the highly paid position of Librarian. We need someone to come forward to take over this position. Major benefit is that you can review all new books before they go into the system and of course the joy of contributing to the overall success of our guild. The library is a major rock in the foundation of the GHWG. If you feel you would like to take this on, please speak to myself or any

member of the executive. Steve has indicated that he can provide help during the transition.

As part of our initiative to build up the library resource, the following books were added to the library in June and we are currently proceeding to acquire additional books and videos.

1. Turning for Furniture - Ernie Conover
2. The Fundamentals of Woodturning - Mike Darlow
3. Mini Lathe Magic: Big projects from Small Lathes - Ron Hampton
4. Projects for the Mini Lathe - Dick Sing
5. Segmented Bowl Turning - Smith
6. Turn a Bowl - Ernie Conover
7. Turner's Guide to Veneer Inlays - Ron Hampton
8. Turning Threaded Boxes - Swanson
9. Wood Turning Design - Mike Darlow

Mike Brazeau

GHWG Market Place

For Sale—Joe Buchmueller (905) 309-1020

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FOR SALE—The late Eric Dalrymple, a long time guild member.

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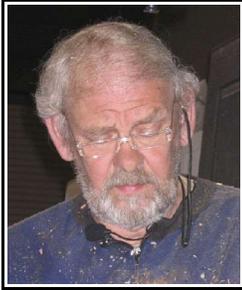
The Marketplace Column is a free service for all Guild members. Woodturning, woodworking or related items are welcome for the Sale and Wanted Sections. Contact: Frank Luet at frank.luet@sympatico.ca or phone (905) 847-7339. Items appear in this column for two consecutive months, or extended by request. If you sell your item, please let us know

AAW Membership Incentive Program

During the Orlando AAW Symposium, Delta International Machinery donated two new Delta X5 full size Model 46-756 lathes valued at \$2250 each which were used as demo lathes during the Symposium. They turn 16" over the Steel Bed, and include the basic machine with 2 HP, variable speed 230V motor, drive center, live center, 4" face plate, 12" tool rest and base, knockout bar, wrenches and instruction manual. They turn 42" between centers, have a 1¼"x8tpi spindle and weigh 386 lbs. The AAW Board of Directors has decided that one lathe will be awarded to an individual who either renews his/her AAW membership or joins the AAW between September 1, 2004 and January 15, 2005. Any AAW members who have prepaid their dues for 2005 will be included in the draw as well. The winner will be selected by a random drawing from a pool of members joining or renewing during this period. The winner will be called and asked the name of his/her chapter. That chapter will win the other lathe. The winners will be responsible for shipping from Orlando.

John Hill
AAW Chapters
and Membership
Chairman

Chris Stott Demonstration



When Chris came to us on June 13th this summer, he was at the end of a very demanding series of demonstrations that had begun in Florida in early April, and was beginning to look forward to his return to Lincolnshire in England. However, he was energized and ready to go once more for us. In the

opening remarks, Lew Rowlands pointed out that we had been hoping to see Chris last year, but we were disappointed when he broke his foot, and could not come. Chris allowed that he was somewhat disappointed about that himself!



A Variety of Turnings

Chris started the demo with some spindle exercises saying that if you can learn to turn a basic bowl in a day, then to learn basic spindle turning will take a week. As many of the boxes Chris makes are end grain turned, skill in spindle turning is essential. He showed how to cut a table leg pommel and then a captive ring with a skew, saying that he starts students on this tool before they have heard that this is something to be afraid of. We were all impressed by the speed and efficiency that was on display, as without seeming to work very hard or fast, Chris produced objects all day at an amazing rate. He showed us one of the keys to this efficiency when he made a hole for a weed pot. Using a 3/8 spindle gouge (which saw heavy use during the day – leading to another speed tip; don't try to use a huge number of different tools), and with the tool rest set so that the tip of the tool is at dead centre, cut a small dimple with the flute facing away. Then simply push the gouge straight in. If hollowing is required, follow up the hole maneuver by turning the gouge over so that the flute is now facing toward you and peel away the internal box shape. Chris's record for making a lidded

box in this way? 42 seconds! Although it may not have won any competitions!



Finial Box

To make the box saleable, it has to be interesting as well as quick to make, and one of the box shapes that fits this criteria is the small finial box. Chris uses tight grained exotic wood for this type of work. This time it was Mexican Rosewood. He started with the 3/8 gouge (again!) and shaped the lid. Then after sanding to 400 grit (with a bit of wax to keep the dust down and improve the finish), Chris used cellulose sanding sealer to obtain a fine finish. The cellulose sanding sealer dries very quickly (another speed tip), - in fact it sometimes helps to thin it somewhat with lacquer thinner to get the best consistency. The sealer is available from Woodchuckers on Weston Road. Chris wipes the sealer on and off using paper towel. He never uses cloth, saying that it is too dangerous in the shop. Chris then parted off using the tool that he introduced for this purpose – a very thin parting tool (John at Woodchuckers sells these – ask for the Stott parting tool, if you want one), and the lid was finished.

The inside of the bottom was quickly hollowed using the 3/8 gouge as described earlier. This included an opening sized, but not finished, to suite the tenon on the lid. Chris used a small scraper to finish the inside of the box and the tenon. The scrapers Chris uses for this work are prepared by grinding in the normal way, but then the resulting burr that normally does the cutting on a scraper is removed with a diamond hone. As we saw, this gave a very fine shaving and an excellent finish when used on tight grain woods such as this.

Chris gave a passing hint on the all-important topic of fitting the lid: Determine the purpose of the box and let that determine the tightness of the lid. For example a sugar box should have a loose fit, pill boxes a tight fit, and jewelry boxes somewhere in between. It also helps to let the customer know the purpose of the box if you want to make a sale. Once they can imagine a use for the box they are more likely to buy it. The outside of the bottom was then completed using (of

course!) the 3/8 gouge, and then both outside and inside were sanded and given the sanding sealer finish.

Everyone was impressed not only with the box but also with how quickly it had emerged from the wood. One person remarked "I would have been happy to do that in a morning!" to which another said "I would have been happy to do that in a day!", and finally one honest onlooker added "And I would have been happy to do that - period!"



Mushroom Box

A quick demo on how to make inlaid rings was given. Chris used the dial calipers to transfer dimensions from the ring to the receiving surface – no stopping to make pointless measurements. Following at a similar pace were a mushroom box and a natural edge bowl. The techniques for the mushroom box were similar to those of the finial box. The bowl was turned to finished thickness beginning between centers, shaping the outside and making a spigot for the chuck. Chris completed the inside in stages taking the edge to final thickness before the bottom was fully roughed out. This was done to keep vibration to a minimum. Chris asked for a volunteer from the audience to take a quick public lesson on completing the bottom with the gouge. Monika Winkler was the brave student in this instance. Chris finished the inside by using two curves separated by a bead. This looked good and gave the bowl an unexpected decorative aspect.

I was most intrigued to see a short demonstration of off-center turning without the use of any special purpose chucks. In a few short

steps Chris turned a hedgehog with several interesting curves for the head and body by simply moving the head (the hedgehog head that is!) by about 1/4 inch on the tail stock center between cuts. I was fascinated most of all by this part of the demonstration, and was sure to buy one of Chris' videos that showed the techniques in more detail. I will have to study this at home!



Flask

For the rest of the afternoon Chris rang the changes by showing us for example; how to make a flask box. This was more complex to turn as it is narrower on one side than the other, however we saw that even complex turnings like this are quite possible if the operation is broken down into manageable steps (and done in the correct order!).

He also showed us how to make a mistake, or rather how to recover when the inevitable happens! A natural edge goblet became a very well shaped but smaller goblet with no natural edge after Chris went through the side. So even the experts make mistakes from time to time! Although after 10 weeks of almost non-stop public demonstrations, I think we will forgive him this one.

Peter Wright

Multi Axis Turning

The demonstration given by Chris Stott in June was excellent, he covered a number of projects but one project he was unable to get to was the "Female form". It involves turning on three axis.

I was fortunate enough to see Chris turn this at a previous demonstration.

The female form is a small piece that is perfect for practicing off center turning.

Here then is my interpretation of Chris Stott's "Female form". (That's not to imply that Chris resembles a female in any way).

Start with a blank approximately 1" square and 10" long. Mount it between centers and turn a ball on one end. This ball allows the blank to be pivoted in the chuck for the different centers.



Illustration 1: Forming the Ball

Mount the ball in the chuck with the tailstock centered on the blank. Square up the tailstock end and turn the blank round. Now turn the base and the leg, tapering the leg towards the top.



Illustration 2: Turning the Leg

Do all your finish sanding before moving on to the next step. If you use friction polish, apply it now.

Loosen the chuck and pivot the blank so that the tailstock center is approximately 3/16" to 1/4" from the first center. Tighten the chuck. Turn a small radius at the top of the leg where it meets the body and turn the body. The body should be round over its length. That is to say, all of the turning from the previous center should be removed but only in the area that will be the body. (Illustration 3) Again sand and finish before moving on.



Illustration 3: Turning the Body

Time to change centers again. This time move the blank over in a straight line so that it is centered 3/16" to 1/4" to the other side of the original center. This position will form the chest and the neck. Be careful not to remove stock beyond the neck. As you can see in Illustration 4, this cut ends forming the bottom of the head (the chin). Sand and finish.



Illustration 4: Forming the Neck

Now the tricky part. Move the center back to the second position and turn the head portion round. Turn until the back of the head just meets the back of the neck. Now form the head. Leave a small portion at the top so you can sand and finish before you part it off with a skew.

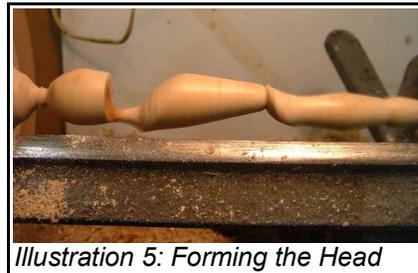


Illustration 5: Forming the Head

The difficult part is forming the head without breaking the neck. I have several "female forms" with broken necks. It also took several attempts to get one with a thin neck. All were fun to do and were great practice.

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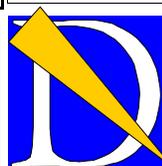
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Photo 6 shows one turned by Chris Stott(left) and the one I turned (right)



Illustration 6: Comparison of the Two

Illustration seven Shows one of my earlier attempts (first on the left). As you can see the neck is much thicker and the waist isn't quite right (to my eye).

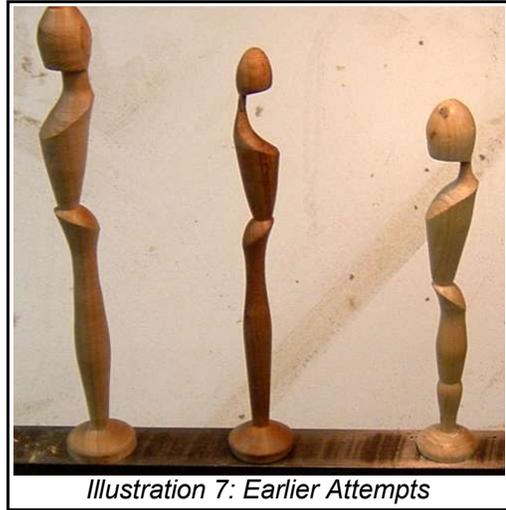


Illustration 7: Earlier Attempts

Paul Rapattoni

The Adirondack Woodturners Association (AWA) announces its Totally Turning 2004 symposium will take place in Albany, NY, on October 30th & 31st 2004, at the Empire State Plaza Convention Center.

Totally Turning 2004 will have an instant gallery, instant gallery critique by our presenters, a vendor's area, and a rotation schedule of 42 outstanding sessions. There will be a Friday night reception and a Saturday evening banquet (\$30 US) with a featured speaker.

Some of our featured presenters include; Bonnie Klein, Michael Hosaluk, Clay Foster, and Giles Gilson.

Website

www.totallyturning.com.

General Registration

\$95US Up to September 30
\$115US After September 30

Registration Questions

Eric Mead:

Phone: 518-452-3802

E-Mail: emead@nycap.rr.com

Program Questions

Ken Evans:

Phone: 518-753-7759

E-Mail: kevansi@nycap.rr.com

Golden Horseshoe Woodturners Guild Executive Contacts 2004

President Mike Brazeau
905-659-5260
e-mail: mjbrazeau@sympatico.ca

1st Vice Lew Rowlands
905-828-7579
e-mail: lewrowlands@ica.net

2nd Vice Robin Lesage
905-522-2839
e-mail: rlesage@recochem.com

Treasurer George Daer
519-759-0942
e-mail: gddaer@sympatico.ca

Secretary George Jacquemain
519-756-3314
e-mail: gjacquemain@rogers.com

Membership Paul Rapattoni
905-312-0378
e-mail: raponwood@sprint.ca

Member at Large Al Murphy
905-562-3875
e-mail: amurphy8@cogeco.ca

Newsletter Editor Frank Luet
905-847-7339
e-mail: frank.luet@sympatico.ca