

THE CHIP FLYER



Golden Horseshoe Woodturners Guild - Burlington, Ontario

From the President's Notebook

Hands-on on Sept 10 will feature egg cups, wine glasses, spindle turning and sharpening.

For our first general meeting of the season, Mike Hartman for Timber Wolf will be demonstrating use and maintenance of the bandsaw on Sept 17.

There was a great response to the competition in June. With 87 entries, you certainly met the President's challenge.

Congratulations to all you entered and a special note of congratulations to John James as winner of the Doug Newlove Memorial trophy as most promising Novice.

Al Stirt (www.alstirt.com) is demonstrating in a all day session in London on Saturday, October 3 and GHWG members have been invited to attend. The fee for the day is \$40.00 and a lunch is provided. We will have a signup sheet available in September for you to indicate whether you plan on attending so we can give notice to London.

It will take place at the Royal Canadian Air Force Association building, located at 2155 Crumlin Side Rd London, ON Canada

We introduced a 50/50 draw at hands-on splitting the proceeds 50% for the Guild and the other half split between two drawn tickets. We plan to hold these draws at each Hands-on night only. One ticket for \$2 or 3 for \$5.

Planning is underway for our Christmas party on Dec 10 2009. This is a no cost party for our members and their guest. Prizes for the raffle are being selected and tickets will be available in September.

The garage sale is coming back on October 8 a regular hands-on night you will be able to sell or buy equipment and supplies from fellow guild members. There will still be some lathes operating as well.

In January we will hold our annual meeting and elections. Positions up for election are President, 1st Vice President, Treasurer

and Member at Large. Give some thought to putting your name forward to fill one of these positions. The Guild needs new ideas to keep it a vibrant force.

George Jacquemain



Coming up

See ghwg.ca for more details

Sept 10:

Hands - On. We'll be turning egg cups and wine glasses

Sept 17:

General meeting. Mike Hartman will be covering Bandsaw use and maintenance.

Oct 8:

Hands - On. Garage sale, with the lathes available for turning instruction.

Oct 15:

General meeting. Frank Ditomasso will show how to make bird houses

June's Demonstrator: John Williams Demomonstration of Stone Inlays.

The final demonstration for the year was presented by John D. Williams



(www.woodisfun.ca) from Kingston ON on turning stone inlays on finials.

John first started by turning the piece round and then drilling out the end to a depth of approximately 1 inch in order to put in the desired material which would become the end of the finial.

By first crushing the stone into small pieces and then screening them to the desired size, he then mixed them with an epoxy and placed in the drilled portion in the end of the piece.

The epoxy could be clear or colored depending on the desired effect that you may wish to

achieve. The coloring was simply the craft powder paint which can be easily obtained at most craft stores at a reasonable price. To help the epoxy run into the bottom of the hole, it was heated slightly to make it flow easier.

With the epoxy dry and cured, the finial was turned down to the stone inlay portion with conventional tools and then completed with a power grinder to shape the stone/epoxy portion. Depending on the material used, the entire finial could be turned with conventional tools if using a pure epoxy with a softening filler and a pewter or aluminum as the main base.

John also included tips on the hardening up process of very soft and deteriorating wood by warming it in the microwave and then putting a clear epoxy on it. The warmth enables the epoxy to flow freely into the porous wood allowing for a much stronger piece and a smoother finish.

The use of a belt sander was also demonstrated for sharpening gouges and tools. CAUTION; if your belt sander has a dust bag on it, be sure to remove it before grinding any metal tool because it may catch fire as the sparks from the metal exit the sander. I know, because I have a patched up dust bag from 35 years Ago.

Overall, it was an informative presentation and something different to keep our turning projects interesting and progressive.

To see some very good examples of the use of inlays, visit Stephan Hatcher's web site, www.stephenhatcher.com

Morley McArthur



Examples of Stephen Hatcher's work



For Sale (Free to members – Just contact the Chip Flyer editor with your details)

For Sale: A General lathe typical of that used by most high schools in wood shop. Would like to trade it for a bench top lathe such as a Jet to do small work as it is unlikely I'll ever be doing large work again. The lathe is good but sits idle.

I also have 5 gallons of end cut sealer. It could be purchased and then shared out in smaller quantities to a group of people. I would be asking \$40 for the 5 gallon pail.

My home number is 905-574-0526 (Paul Siwy)



OCT 8 – Guild Garage Sale

We have had several requests for it, so here we go. *Bring in tools / machinery / wood / anything relating to woodworking that you may no longer use and wish to sell or exchange. You price your items, and you get the proceeds. You may want to label your items to make it easier to find the seller.*

The guild is holding this to help the membership. It puts together those who have things that they may want to get rid of, with members who may be looking for specific items.

Cindy Drozda,

Well known for her finials will be coming to the Pembroke Woodturners Guild in Buffalo NY on September 26 at 9 am. The cost is expected to be around \$10 for the day with \$5 for lunch. For more info contact Jim Ruprecht at jandlfeed@hotmail.com.

They meet in the Pembroke High School located at:

The corners of Rt. 5 and Rt. 77 in Corfu New York 14036.

Main routes connecting to Rt. 77 are: Rts. 5, 33 and the I-90.

<http://www.pembrokewoodturnersguild.com/>



Executive Committee:

President	George Jacquemain	pres@ghwg.ca
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Treasurer	Geraldine Kelter	
Secretary	Len Kaufman	
Exec. Assistant	Malcolm Cumming	
Member at Large	Tim Hendry	
Hands On	Morley McArthur	

Are you using safe turning practices?

On Tuesday morning, July 14, I was shocked to hear on CH Hamilton morning news that a 52 year old Waterdown man was killed when working on his wood lathe. Few details were available at the time and very little information was released to the media out of respect for the family. I made postings drawing attention to the fatality at canadianwoodworking.com and the AAW website, among others. I did determine within a day or so that he was not a guild member. The forum moderator at the AAW site, Kurt Bird, made an inquiry with the Hamilton Spectator reporter and was told the following: "According to the Hamilton coroner's office, the individual died of a blow to the head with a piece of wood. Apparently, there was a catch, a broken chisel, and the piece separated with the larger half coming back at the turner."

This incident provoked some pretty profound amazement at the various websites where I had posted. We will never know the real cause of this unfortunate situation, but obviously can speculate and learn from it. Many of us know of incidents of wood breaking up or coming loose from a chuck and maybe have had some close calls, even joking about it. Death, though rings with a much heavier tone.

There is a comprehensive set of AAW Lathe Safety Guidelines and they are found in the Resources section of [woodturner.org](http://www.woodturner.org) at <http://www.woodturner.org/resources/safety.cfm>. If nothing else, No. 1 - Wear a face shield at all times and one that is fracture proof and affords some impact protection, not one of those that have the equivalent of a celluloid report cover for protection. They will keep chips out of your eyes but not much more. A couple of years ago, I encouraged Rob Lee to have a look at the face shield Lee Valley listed for woodturning protection. At the time, it used Propionate plastic that is commonly used for molding tail light lenses and not the most fracture resistant available. They were updating safety items at the time, did some research and changed the primary listing to a much higher impact resistant plastic – polycarbonate, commonly known as GE's Lexan. No. 2 - stand out of the line of fire any time you can and especially when have suspicions of the wood having potential to disintegrate or dislodge from the chuck, faceplate, spindle or whatever setup you are using.

This incident speaks to me every time I now step in front of my lathe. I have become more cautious and encourage all of you to do the same.

Mike Brazeau



Basic face shield
(\$15-\$20)



Face shield
(Craft Supplies USA
www.woodturnerscatalog.com
\$25 US)



Bionic face shield
(KMS Tools
www.kmstools.com
\$30-\$35)

AAW Lathe Safety Guidelines (updated March 2009)

Safe, effective use of a wood lathe requires study and knowledge of procedures for using this tool. Read, thoroughly understand and follow the label warnings on the lathe and in the owner/operator's manual. Safety guidelines from an instructor, video or book are also a source of important safety procedures.

1. Always wear safety goggles or safety glasses that include side protectors. Use a full faceshield for bowl, vessel or any turning involving chucks and faceplates.
2. Fine particles from a grinder and wood dust are harmful to your respiratory system. Use a dust mask, air filtration helmet, proper ventilation, dust collection system or a combination of these to deal with this serious issue. Be especially mindful of dust from many exotic woods, spalted woods or any wood from which you notice a skin or respiratory reaction.
3. Wear hearing protection during extended periods of time.
4. Turn the lathe "off" before adjusting the tool rest or tool rest base (banjo).
5. Remove chuck keys, adjusting wrenches and knockout bars. Form a habit of checking for these before turning on the lathe.
6. Tie back long hair, do not wear gloves, and avoid loose clothing, jewelry or any dangling objects that may catch on rotating parts or accessories.
7. When using a faceplate, be certain the workpiece is solidly mounted with stout screws (#10 or #12 sheet metal screws as a minimum). Do not use dry wall or deck screws. When turning between centers, be certain the workpiece is firmly mounted between the headstock driving center and tailstock center.
8. Make certain that the belt guard or cover is in place.
9. Check that all locking devices on the tailstock and tool rest assembly (rest and base) are tight before operating the lathe.
10. Make sure the blank is securely fastened.
11. Rotate your workpiece by hand to make sure it clears the toolrest and bed before turning the lathe "on". Be certain that the workpiece turns freely and is firmly mounted. A handwheel on the headstock simplifies this process of spinning the lathe by hand before turning on the switch.
12. Be aware of what turners call the "red zone" or "firing zone." This is the area directly behind and in front of the workpiece—the areas most likely for a piece to travel as it comes off the lathe. A good safety habit is to step out of this zone when turning on the lathe, keeping your hand on the switch in case you need to turn the machine off. When observing someone else turn, stay out of this zone.
13. ALWAYS CHECK THE SPEED OF THE LATHE BEFORE TURNING IT ON. Use slower speeds for larger diameters or rough pieces, and higher speeds for smaller diameters and pieces that are balanced. Always start a piece at a slower speed until the workpiece is balanced. If the lathe is shaking or vibrating, lower the speed. If the workpiece vibrates, always stop the machine to check the reason. As a starting point, consult your operator's manual for recommended speeds for a particular lathe. Make sure the lathe speed is compatible with the size of the blank.
14. Exercise extra caution when using stock with cracks, splits, checks, bark pockets, knots, irregular shapes, or protuberances. Beginners should avoid these types of stock until they have greater knowledge of working such wood.
15. Hold turning tools securely on the toolrest, holding the tool in a controlled but comfortable manner. Always contact the tool rest with the tool before contacting the wood.
16. When running a lathe in reverse, it is possible for a chuck or faceplate to unscrew unless it is securely tightened or locked on the lathe spindle.
17. Know your capabilities and limitations. An experienced woodturner is capable of lathe speeds, techniques and procedures not recommended for beginning turners.
18. Always remove the tool rest before sanding, finishing or polishing operations.
19. Don't overreach, keep proper footing and balance at all times.
20. Keep lathe in good repair. Check for damaged parts, alignment, binding of moving parts and other conditions that may affect its operation.
21. Keep tools sharp and clean for better and safer performance. Don't force a dull tool. Don't use a tool for a purpose it was not designed or intended.
22. Consider your work environment. Don't use a lathe in damp or wet locations. Do not use in presence of flammable liquids or gases. Keep work area well lit.
23. Stay alert. Watch what you are doing, pay close attention to unusual sounds or vibrations - stop the lathe to investigate the cause. Don't operate machines when you are tired or under the influence of drugs or alcohol.
24. Guard against electric shock. Inspect electric cords for damage. Avoid the use of extension cords.
25. Never leave the lathe running unattended. Turn power off. Don't leave lathe until it comes to a complete stop.
26. A significant number of accidents to woodturners occur while using saws, especially band and chain saws. Learn and follow the safety guidelines for these machines before operation.

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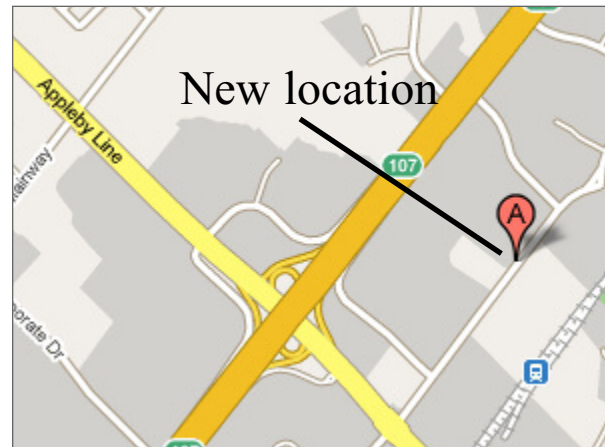
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