

THE CHIP FLYER



From the President's Notebook

Welcome back everyone to our Fall session. The summer was a great break with hot weather for some and just right weather for others. I personally like the weather to be about 24 degrees, so this summer was a bit hot for my liking. We all got through it though. Covid has mellowed out with everyone accepting the new normal we are in, wearing masks everywhere, staying socially distant and keeping our bubbles from bursting! I do hope everyone had a good summer though.

The Guild is still not able to meet at the Church. I have asked them to give us an idea of when they see us able to start having meetings again and once I know, I will advise everyone.

I have scheduled an Executive Meeting for Sept. 10 to discuss a number of topics for the Guild. If you, as a member, have any ideas pertaining to the future operation of the Guild, post Covid, please send me a note. With our inability to have meetings, it is difficult to keep members engaged in the Guild. So I would like your input on things we could do to improve the Guild.

We have been putting on Workshops to provide members with opportunities to learn and interact with others. The first two were in August and both were successful. The first one was at Kevin Ellis' workshop where we demonstrated a "Log to a Bowl". Eight members attended and we had a great day. The second was at Hugh Widdup's Yknot Woodturning Studio where we demonstrated off axis turning. Five Guild members took the challenge and left with both the concept of off axis turning and some interesting pieces. I wish to thank both Kevin Ellis and Hugh Widdup for providing their shops and time to help put these on.

We have two more scheduled for September. The first one is Sept. 13, 2020 at Kevin Ellis' shop again and is on embellished boxes.. The Workshop filled quickly resulting in a waiting list, so, I arranged for another workshop at Kevin's on the same topic. I would like to thank all the Guild members who helped with these workshops to provide further instruction and mentoring for the participants; Brent Beacroft, Any DiTomaso, Malcolm Cummings, Kevin Ellis, Hugh Widdup and Tony Osman. If anyone is interested in helping out at these workshops, please let me know. It is a lot of fun and you get to interact with other Guild members.

A major topic for discussion at our Executive will be Membership and Dues. Covid is not going away anytime soon and I would like to hear your ideas about how to ensure the Guild remains viable.



Keith Robinson

Coming up

**Feb 17th
Meeting via Zoom.
Invites will be sent by
email.**

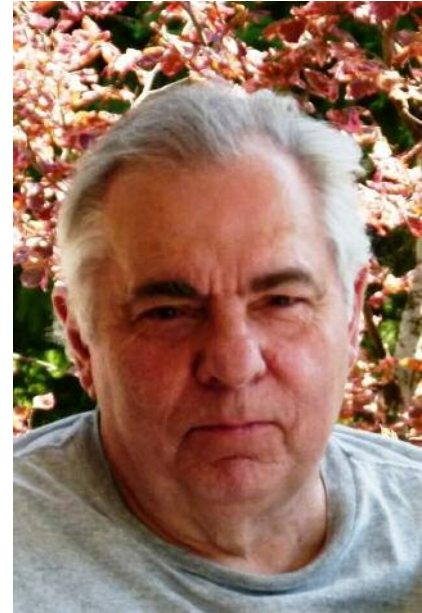
Keith Robinson
President GHWG



In Memorium - Frank Ditomaso

After a courageous battle with cancer, Frank passed peacefully on Thursday, September 3, 2020. Greatly missed by his loving wife Carole, mother Emily, sons Dan, Chris, and Daryl, siblings Mary, Andy and Laura, many friends and neighbours, fellow woodworkers, and former Dofasco colleagues. A skilled craftsman, he leaves a legacy of exquisite art. Generous with both his time and expertise, he was the one everyone went to for help and advice. His passing leaves a large hole in the lives of many.

"As tears roll down my face, I know you're in a better place. I close my eyes to see your face, suddenly I feel a warm embrace."



Membership Fees

New Member \$75.00

New Family Membership \$110.00

Family renewal \$95.00

Member renewal \$60.00

Reinstatement (late renewal) \$75.00

PLEASE NOTE: There are a number of our members that have not paid dues for 2020. These are difficult times, however, your Guild still needs to pay bills and our membership dues are our main source of revenue. So if you havent yet paid for 2020, please contact Sandy Zimmerman to pay up. You can email her at members@ghwg.ca She can take credit card payment and other forms (although Canadian Tire money doesn't quite cut it!!).



Tip of the month

Steps to producing twisted multi-axis vase/candlestick

These are tips from the workshop held at Hugh Widdups premises.

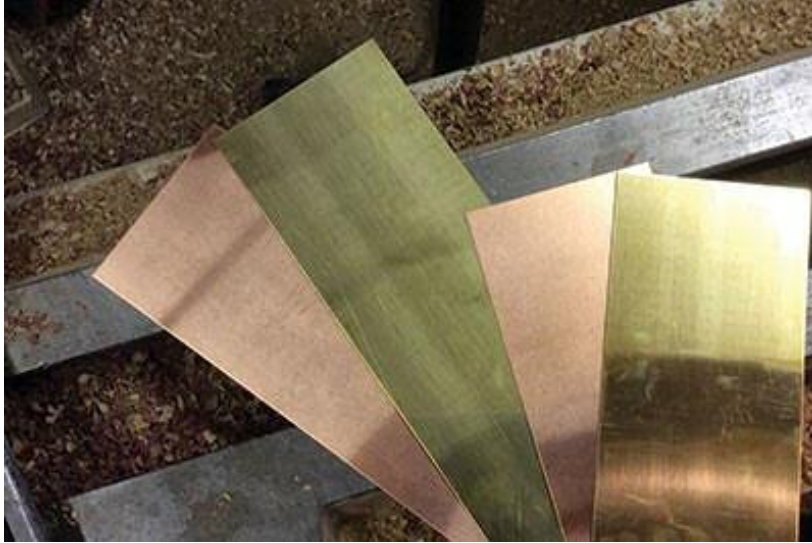
1. Turn blank into a cylinder. For vase, blank should be about 8"-10" long by about 2"-3" round.
2. Take off lathe, using 120* marking jig, mark the cylinder for the three axis on one end. Transfer the marks to the other end so the axis lines are identical on both ends. Draw radius lines from your marks to center point. You should now have three radius lines at 120*. Mark a line across the radius lines a 1/2" from the edge on all three radius lines. Repeat this in the other end. Using an awl or center punch, drive a divot into the mark, this now being the off axis point. Repeat this on the other end. Number each axis point, 1-3. Repeat on other end making sure the numbers correspond on each end.
3. Remount the blank on your lathe putting your headstock drive center into axis #1 and tail stock live center into axis #2.
4. Hand turn the blank and adjust tool rest so it does not hit.
5. Slowly turn your speed up to where the lathe is not vibrating too much. Speed is your friend as you will be cutting air a lot.
6. Starting from one end, taking small bites with your spindle roughing gouge, turn to the center of the blank. Then repeat from the other end.
7. View your turning by looking at the horizon watching the ghost image.
8. Stop often to view your progress.
9. You want to have the end of your face just touching the radius lines as viewed from the end.
10. Your face cut should be equal width across the whole blank.
11. Try to make your final pass as smooth as possible, as sanding can only be done stationary.
12. Mark this face A1 and A2 at the appropriate ends.
13. Remount the piece on the lathe on the next axis points, headstock #2, tailstock #3.
14. Repeat your cuts until your face is equidistant and intersects the previous face with a crisp line.
15. Once you have face two finished, mark it B2 and B3 on the appropriate ends.
16. Remount of the lathe on the next axis points, headstock #3, tail stock #1.
17. Repeat #14.
18. Once you have face three finished, mark it C3 and C1 at the appropriate ends.
19. You should now have a twisted off axis cylinder. Sand the faces keeping the intersecting lines crisp.
20. Remount the piece on the lathe using the center axis.
21. Cut a tenon on one end to fit your chuck.
22. Remount on the chuck, and drill the other end with either a 7/8" drill to the depth of your bud vase insert, or a 1 9/16" for stoned bit to fit the tea light candles.
23. Reposition the tailstock to give support while you turn a slight recess into the end.
24. Sand the end and remove the tenon either with a parting tool or off the lathe with a saw. Sand this end.
25. You are now finished, ready for applying a finish of your choice.



The following article is being published with permission from the woodworkersinstitute. You can view this and other woodturning articles at www.woodworkersinstitute.com This is the second part of the article - part 1 is in the Jun 2020 issue of ChipFlyer.

6/2/2020

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STEP 8: I sourced my metal sheet from the internet, buying brass and copper in small pieces (300 x 100 x 1mm). If you've never attempted metal spinning before then start with copper as it spins far more easily



STEP 9: Using the whole width of the sheet and a pair of dividers, scribe your 100mm discs, leaving a centre point in the discs

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STEP 10: Now, using a pair of tin snips, cut the circles out and remember that once cut, the edges will be sharp. A pair of gloves might be wise if at all unsure or new to this process. Once the shapes are cut, file the edges back to your scribe lines and tidy up the disc



STEP 11: In order to shape your metal discs they need to be formed over a mould. Here I've turned a simple curve from a piece of scrap timber. In the centre leave a small centre point and a 30mm-wide flat to press the copper disc against

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STEP 12: In the tailstock, use a heavy duty tailstock centre with a small turned wooden ring to sit over the centre, which creates enough friction against the copper disc to keep it turning. When making this wooden collar, make sure just a small amount of the tailstock centre point is protruding to enable you to centre the copper disc



STEP 13: Use the centre hole in the copper disc and the point from the tailstock centre to press the disc against the mould firmly. Apply a lot of pressure against the disc and mould, but try not to have too much of the tailstock quill exposed in order to keep things as rigid as possible

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STEP 14: At this stage, the tool I'm using is an improvised 6mm bowl gouge, at the end of its life and where the flute has gone. I ground the tip of the tool until it was a smooth convex curve and then polished it until it shone, as you would the back of a carving gouge. It's really important that the back of the tool is completely smooth to stop too much heat from friction



STEP 15: Use the tool in a hollowing gate and the tool below centre, levering the copper disc around the turned former. To help reduce friction, coat the copper disc as it spins with wax (candle- or wood-), which works perfectly for the small curve we're making here

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STEP 16: Once the disc has been spun and shaped, give it a light sanding to take out any tool marks. Caution should be taken as the metal has been reduced in thickness and the edge will be sharp. Remove this with abrasive



STEP 17: When the cup is finished, drill a 3mm hole down through the centre to take the candle spike. I prefer to use a pillar drill and hold the cup with gloves for safety



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STEP 18: Polish the cups with a couple of stitched polishing mops, one for applying the polish, which in this case is tripoli abrasive compound designed for copper and brass, and the second one to take the polish off and to buff



STEP 19: However, you can go to an even finer compound to make your cup really shine

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STEP 20: Now to prepare the candle spike, which will be glued into the candlestick. I use a galvanised 50mm nail for this, which I've de-headed with a pair of wire cutters. The nail measures 3mm in diameter and fits through the hole previously drilled in the candle cup



STEP 21: Once again, use a pillar drill to make the hole for the spike, ensuring the spike points vertically – again the hole is 3mm

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STEP 22: Now dry fit all the components together before gluing, with the spike into the candlestick and the cup over the spike



STEP 23: To glue the the pieces together use a two-part epoxy resin. I find this one of the strongest glues when working between different materials. Glue the nail into the hole then the cup onto the wooden base



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STEP 24: Your finished candlestick should look something like this



As Keith mentioned, there has been a number of workshops during the Summer. Here are some photos of two of the workshops - the first is the log to bowl workshop at the premises of Keith Ellis, the second was the multi-axis project at the premises of Hugh Widdup (Y Knot woodturning).

Log To Bowl

August 16th 2020



A studious group watching the master at work (I think that was Hugh Widdup at this moment)



Andy Ditamaso showing the correct way to bandsaw blanks on Kevin's beast!



Cathy Brasil with her bowl



Franca Albernaz working on her bowl



Frank Cianciolo showing good form with the gouge



Fred Vaughn working at the big machine.



Sue Ashton shaping the outside of her bowl.



Multi-Axis turning candlestick/vase

August 30th 2020





Wanted:

Suzanne Wood has a friend looking for the following two items. If you can help, please use contact information below.

- 1). Beaver 6 inch disk and belt sander.
- 2). 115v 1/2 or 1 hp motor.

contact info: **Dennis Calmeira - 647-993-9174**

For Sale:

Andy Ditomaso has a number of his brother's turning tools for sale, including gouges, scrapers, OneWay chucks etc. In addition, he has a King 12" bench planer and a King 6" jointer for sale. For information and pricing, please contact Andy directly.

Andy Ditomaso andydito@gmail.com

Andy Ditomaso has some wood for sale:

I have a lot of Logs, Half Logs and wood that is already cut round on the bandsaw ready to put on the lathe

The logs range in size from as small as 4-6 inches dia. to over 18 inches dia. and the bowl blanks range from about 10 inch dia. to over 18 inches dia. and most of these still have the bark intact and most are dry. You can turn either live edge bowls or regular bowls and some of the logs are large enough to cut to almost anything from pen blanc to pepper mills to platters. I am asking \$ 5. For the small pieces to \$ 10. For the larger ones and I am will to negotiate if you buy quantity.

My contact information is : email: **andydito@gmail.com**

My cell # is: **905-973-4966** and if I don't answer the phone it's because I am either in the shop or I don't recognise the # then please leave a message and I will return your call

Pictures of wood for sale:



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If you think you have a way with words, we could use your skills and talents. You may have a number of interesting techniques and tips you could turn into an article for the Chip Flyer. If you are interested, contact Tony at communications@ghwg.ca