



Finger Lakes Woodturners I

A Special Interest Group of the
Rochester Woodworkers Society
and a Chapter of
The American Association of Woodturners



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Meetings are held from 6:30 to 9:00 PM on the 3rd Thursday of each month at WOODCRAFT in Henrietta, NY. *Oct 07 meeting attendance was 34.*



Debbie Hachey did a great job of running our October meeting, sitting in for Mike, our president, who was ailing at the time.

Calendar of Events & Courses

2007 / 08	Event	For More Info
Nov 15	FLWT I meeting, Platters and Cutting Boards talk by Erwin Tschanz	
Dec 20	Christmas party	More to follow
Feb 2	Harvesting Wood and Turning Green Bowls demo by Ed Demay	http://www.rochesterwoodworkers.org/
Apr 2	Turning Pens & Bottle Stoppers workshop by Mike and Debbie H.	http://www.rochesterwoodworkers.org/
Apr 18-19	Woodturner Don Geiger talk and demo	http://www.rochesterwoodworkers.org/
Jun 20-22	22nd Annual AAW Symposium, Richmond, VA	http://www.woodturner.org/sym/sym2008/

From the Chair

by Mike Hachey

Unfortunately I was "under the weather" and could not attend our last meeting at Woodcraft. I've talked to several people and here are some of the rumors I've heard: almost nobody knew I was missing; those that knew indicated my substitute did a better job; I should be looking to fill some other slot in the club; the business part of the meeting was faster and smoother; and the group was able to leave Woodcraft on time. WOW, what's a guy to do?

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From the Chair (cont'd)

On the serious side, I heard the new way of doing Show and Share was a hit. My understanding is I missed a super presentation given by Jim Echter. Not only is Jim good at "Spindle Work," but he shows the same expert flair when it comes to bowl turning. I was also told that the use of the projector, along with a smaller membership (and a chair for everyone), made it easy for everyone to see what was happening. I hope we will be able to continue to use the projector and screen.

We have collected about 30 TOPS so far; club #2 claims to have more than 150 TOPS (don't know if they are pulling my leg). They had one member turn over 30 TOPS by himself (maybe that member should get a life). It appears that club #2 will walk away with the title of "MOST TOPS TURNED" for the kids, but, we will at least come in second. Our November meeting is the due date for all TOPS so we can deliver them by the beginning of December. With any luck, we will at least double our count by the November meeting. Remember, even though we are handing out Corian™, wood is still an acceptable material to use (and a lot easier to turn).

Here's a bit of news for any member who would like to get into hollow turning. I received a note from Lyle Jamieson indicating he will be in New York State the end of February of 2008. Lyle will have mid-week time to do one-on-one classes with individual students. Lyle is best known for his hollow form turning with his boring bar and laser system but he also teaches on a wide range of turning topics for both beginner and advanced turners. If interested, please contact Lyle directly for rates and availability at either 231-947-2348 or via his website at www.lylejamieson.com.

From the Editor by Dave Smith

This is our second newsletter of the season and I hope you find that it contains newsworthy and educational material, and that its smaller file size didn't bog down your download. I want to thank Lou Stahlman for volunteering to write his second fine newsletter article for this season. If everyone extends their thanks to Lou, maybe he'll write more articles for us. I also want to thank Mike Hachey and Kevin Hart for their prompt submission of newsletter materials. And please thank Jim Hotaling for his efforts as described on page 3.

Going forward, if you have any suggestions regarding the newsletter, please email or call. I have a number of ideas regarding other materials and items we could include but I would need members' additional assistance to do that. If you are willing to write an article or help with the newsletter in other ways, please let me know so we can discuss.

I hope you like the Show and Share photos and that my photographing of members as they show and describe their work isn't too distracting. Personally, I'm terrible with names so this newsletter's new Show and Share format will certainly help me associate names with faces and I hope it works for you as well!

The Finger Lakes Woodturners I Club greatly appreciates the facilities and support provided by Woodcraft, Henrietta Plaza, 1100 Jefferson Road, Henrietta, New York 14623. Thanks Sean!

Treasurers Report by Kevin Hart

Period 9/1/07—9/30/07

Financial Summary

Beginning Balance	\$1,433.71
Total Income	\$817.00
Total Expenses	\$820.32
Closing Balance¹	\$1,430.39

Income / Expense Statement

Income		Expenses	
Dues & 50 / 50	\$807.00	Spit of Funds with FLWT II	\$810.32
Other	\$10.00	Show & Share gift card	\$10.00
Total Income	\$817.00	Total Expenses	\$820.32

FLWT I's New Lathe Cart & Stand

by Jim Hotaling

Last year when I volunteered to write the American Association of Woodturners and request an educational grant for FLW's, I never thought it would lead to my building a lathe cart. Following our grant submission, we received \$800.00 for the purchase of two mini lathes; one each for FLW I and II. So when Mike Hachey asked for volunteers to build a cart, for some reason I raised my hand. I must admit that it was a fun project. One factor that really got my "juices" going was the budget constraint of \$10.00.

I started by listing all the requirements of a portable cart; it should be simple but strong, adjustable in height and provide a means of storing all the lathe accessories.

The cart is now finished and tested in the field. Most of the cart materials were found along the road, which

allowed me to come in under budget.

The cart is now ready for our membership's general use and community demo's.



Jim with cart, stand & toolbox in "travel mode"



Lathe on stand in "ready-for-turning" mode

Editor's note: Jim devoted a great deal of time and energy designing and building this awesome lathe cart for FLWT I. The next time you see him, please thank him and extend your compliments for his superb design and craftsmanship!

October's Featured Talk: Turning Bowls

Presented by Jim Echter

Summary by Kevin Hart Photos by Dave Smith



Jim has made enlarged models of cutting tools which he uses to help convey turning concepts

Jim reminded us to cut “downhill” (inside a bowl) so the fibers are supported, thus reducing tear out. He showed us how to make outside roughing and shearing cuts with the swept back gouge, as well as inside roughing and shearing cuts.

Great job Jim! Jim Echter not only showed the club how to use the swept back bowl gouge at last month’s demonstration, he taught us the “dance of the wood-turner.” The swept back bowl gouge, aka the David Ellsworth grind, the Irish grind, the Jameson grind (all slight variations on the same theme), can be used to make seven different cuts.

One, the scraping cut, is good for beginners, but isn’t efficient, creates much dust, and wears the edge quickly. Sometimes, though, it’s the only way to get at a tight transition from the bowl to the foot.

Sharpening is fairly easy with one of the proprietary grinding jigs available, although it can be done without one, with some practice. Avoid any bumps along the side grind, and work to achieve a gentle arch there. Jim’s handouts show this well.



Jim makes chips as group watches on



Jim demonstrates expert scraping cut as Amy Grigg looks on

In picking what type of gouge to use, Jim explained that there are always tradeoffs. The powered metal gouges take longer to sharpen, but hold their edges well. M2 steel gouges take less time to sharpen, and less time to get dull again.

What about the “dance” lesson? Keep your elbows close to the body and move your whole body. to guide the gouge, Jim explained. You will have better control of the tool than if you use your arms.

Scraper Basics by Lou Stahlman

Scrapers are most frequently used in face turning to put a fine finish on both internal and external surfaces. In spindle turning, a scraper is used most often to attain a fine finish on the interior surface. (On exterior surfaces, a superior surface is produced by using a skew chisel). Scrapers are infrequently used when turning between centers but they are sometimes useful in crafting fine details.

NOTE: In Stahlmanese (a language unto itself), turning between centers means the work piece is fastened to the lathe by each end and the wood fibers are parallel to the axis of rotation. In spindle turning, the work piece is attached to the lathe by one end and the wood fibers are parallel to the axis of rotation. In face turning, the work piece is fastened to the lathe by one face and the wood fibers are perpendicular to the axis of rotation.

- Scrapers are hefty, flat tools of square / rectangular cross section with a cutting edge which may be straight across, round, domed or any shape necessary to match a special molding.
- Efficient use of a scraper requires a flowing, delicate touch that yields only fluff and small, curly shavings.
- Scrapers are ground with a single bevel and are used bevel side down. The bevel does not rub the work piece. A good starting bevel is 75 degrees.
- Not every piece of metal can be made into a worthy scraper. If you can't raise a sharp, workable burr, don't waste any more of your time.
- Using old files to make scrapers is not a good idea if you are not willing to go through the annealing > hardening > tempering process. Without that process, files are brittle and likely to snap and fly under pressure.
- Burnishing may or may not be a worthwhile effort. It depends on how you grind, how you burnish, the hardness of the metal (HSS will not burnish well, if at all) and the size / shape of the cutting edge you are trying to burnish.

NOTE: Other turners have gotten satisfactory results using a Veritas carbide burnishing tool on high speed steel. My advice would be the same as that offered by Packard Motor Works in the '30's.....ask the man who owns one.

When using a scraper:

- It should lie flat on the tool rest (if you let one edge elevate and then have a catch, you stand a good chance of owning a world class blood-blister). The exception that proves this rule is shear scraping... another subject, another time.
- The tool handle should be higher than the cutting edge of the tool.
- Cutting action should be at or above the center line when finishing interior surfaces.
- Cutting action should be at or below the center line when finishing an exterior surface.
- Touch the tool lightly to the wood, just enough to produce a fluff cut and / or a small curly shaving.

References:

The Lathe Book (Updated and Revised Version) Ernie Conover

Turn A Bowl by Ernie Conover

Turning Wood by Richard Raffan

Turning Wood: A Foundation Course by Keith Rowley

Internet Explorer / Google Search (woodturning, scrapers, tutorials, "how to" and others

Hints & Pointers

Who amongst us doesn't pass a downed tree at the side of the road and begin to salivate? And do we really have a wood problem if we always carry gloves, and maybe a chain saw, to take advantage of these pieces of fog (found on the ground) wood? But found wood doesn't have to come in its natural state. Check out those piles of trash for good possibilities. Table and chair legs can provide some great wood for spindle projects, and at the right price if we find in the trash. Often its maple, not the most lovely of woods, but those old chairs and tables can be something more exotic like mahogany. I recently found four table legs, solid maple, and three inches square. Maybe we should call it FIT wood, for found in the trash.

Kevin Hart

The gift giving holidays are coming, and it's already late to start on those turned gifts we've been thinking about. A good source of inspiration is Richard Raffin's *Turning Projects*, published by Fine Woodworking. Among the projects he shows how to make: spatulas, rolling pins, carver's mallets, trivets, scoops, and hand mirrors. And if you are a little behind on your tops for the top challenge with Woodturners II, he shows how to make those too (although all wood.) It's available through the RWS lending library, as is the companion video. If you want to own a copy, it appears that both the hardcover and soft cover editions of this book are now out of print, but there are plenty of used copies available at Amazon, Powells, Alibris, etc.

Kevin Hart

I had been having problems with CA glue leaving stains on my bowls around defects I was repairing. As I was leaving our last meeting, I mentioned this to Erwin and he suggested that I put a thin layer of wax on a cloth and rub it on the wood around the defect, lightly enough to seal the surrounding cells but not so hard as to push wax into the defect. I tried this and it worked like a charm! After I applied the light coating of wax, I slightly overfilled the cracks with fine sawdust that had been sifted through a paint straining cloth and then applied the CA glue and accelerator. After a light sanding, the crack was perfectly filled with no CA staining.

Thanks for the tip Erwin!

Dave Smith

Classified Ads

For Sale

- Cast Iron radial blower for dust collector, Sturtevant # 1, 6 inch intake / exhaust, 12 inch impeller, refitted with ball bearing pulley shaft, no motor \$50 OBO.
Email dsmith43@rochester.rr.com or Tel 244-1535
- Jet DC-1200C dust collector. 2 HP, Cartridge filter with paddle cleaner, 1200 CFM, Excellent cond. \$400.
Email dsmith43@rochester.rr.com or Tel 244-1535

Wanted to Buy

- Does anyone want to buy any turning or woodworking tools? If so, please email the editor.

Mentor Contacts¹

Name	Day Tel	Eve Tel	Email	Skills / Specialty
Bill Tschorke	865-1971	865-1971		General turning
Tom Pedlow		237-3962		General turning
Erwin A. Tschanz	271-5263 (Dec – Mar)	271-5263		Historical pieces, Bowls, Plates, Goblets, Boxes, Boney antler horn
Ralph Moser	359-0986	359-0986	ralphmoser@frontier.net	Faceplate turning, bowls, etc.
Jim Echter	377-9389	377-9389	jechter@rochester.rr.com	Spindle & faceplate turning, sharpening
Lou Stahlman	248-2097	248-2097	lstahlman@rochester.rr.com	How to cut wood

1. **Here's a great way for you to improve your turning skills.** FLWT I has award winning and expert turners who, at no cost, are willing to share their expertise one-to-one with other club members. In some cases, mentoring may be as simple as getting advice from a mentor in a one time conversation. In other cases, it may expand to include regular hands-on sessions over a lathe. The exact nature is up to you and your mentor. If you feel you could benefit from mentoring, please organize your thoughts about your needs and expectations and then contact an appropriate volunteer mentor above to determine if he or she is a match and available.

FLWT I Board of Directors 2007—2008

Position	Name	Day Tel	Eve Tel	Email
Chair	Mike Hachey	723-1395	723-1395	hacheymd@aol.com
Treasurer	Kevin Hart	442-5789	442-5789	kdhart@rochester.rr.com
Secretary & Newsletter Editor	Dave Smith	244-1535	244-1535	dsmith43rochester.rr.com
Tool Librarian	TBD	-	-	
Advisors	Rich Connelly	889-4996	889-4996	rconnell@rochester.rr.com
	Bill Costanzo	865-3866	865-3866	adsdad@rochester.rr.com
	Jim Echter	377-4838	377-4838	jechter@rochester.rr.com
	Debbie Hachey	723-1395	723-1395	hacheymd@aol.com
	Jim Hotaling	223-4877	223-4877	jhotal2198@aol.com
	Bill Tschorke	865-1971	865-1971	

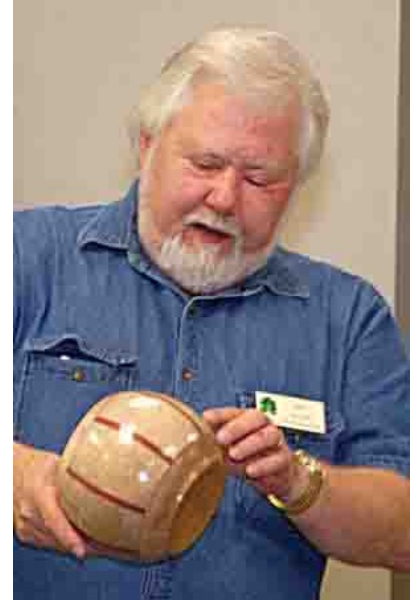
Show and Share Photos by Dave Smith



Bill Tschorke



Jim Hotaling



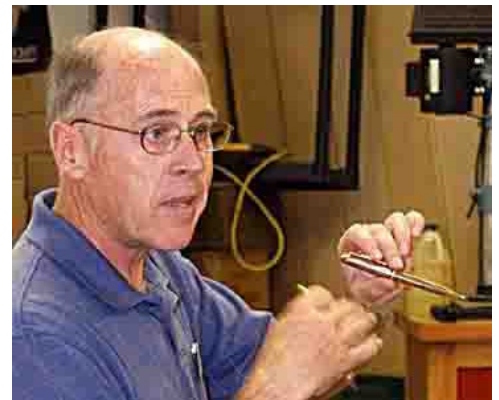
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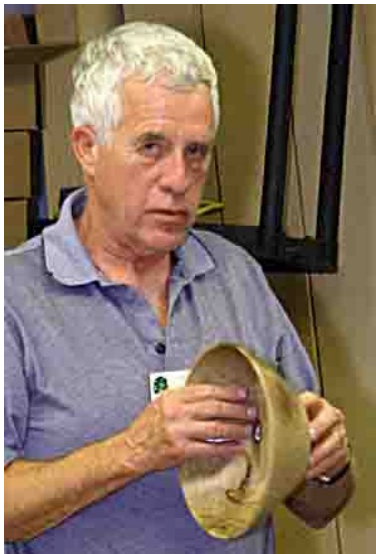
Ed Lehman



Roger LaForce



Tom Pedlow



Harry Beaver



Erwin Tschanz



Dave Smith