Long Island Woodturner's Association

2012 **Volume 22 Issue 2**

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LIWA is a chapter of the American Association of Woodturners. Our purpose is to foster a wider interest and appreciation of woodturning on Long Island and in the metropolitan area. We generally meet on the third Saturday of each month from 9:00 AM to Noon at BOCES, Wilson Tech Campus in Dix Hills. See the calendar for scheduled meetings for 2012 in our current club newsletter.

Directions
Take the LIE to Exit 51 (Deer Park Ave). Go east on the Service Road 1 block and turn right onto Westminister Ave. Turn left into BOCES Wilson Tech Campus and go to Building "D".

2012 Club Officers

President	**Ken Deaner**	**(516) 239-7257**
Vice President	**Don Lindsley**	**(631) 751-5680**
Secretary/Newsletter	**John Kowalchuk**	**(631) 234-1999**
Treasurer	**Joe DeMaio**	**(516) 766-5189**
Program Chairmen	**Joel Rakower**	
	Pete Richichi	**(631) 218-2481**
Librarian	**Richard Barth**	**(631) 667-6430**
Webmaster	**Marty Mandelbaum**	**(631) 331-3607**

The Club offers a wide range of opportunities for its members to improve their turning techniques and enjoy the company of other turners. There are demonstrations at our Club meetings. Renowned guest turners do 6 hour workshops several times during the year at a nominal expense to club members. A free video and text library is available for their use. Members are invited to participate in our monthly wood raffle. All members are encouraged to bring samples of recent work to our 'SHOW & TELL' and become active participants. The Club participates in the American Association of Woodturners and encourages its members to join our parent organization. Many members attend their yearly symposium.

Visit our Club's website and meet our members at **www.liwoodturners.org** . Our site is maintained by **Marty Mandelbaum** who you can e-mail at martymande@gmail.com .

Club Calendar

LIWA Meeting
March 17, 2012,
9:00 am-12:00
Demonstrator-**Carl Saenger**

LIWA Meeting*
April 21, 2012
9:00am -2:00
Guest Demonstrator-**Michael Hosaluk**
View **Mr. Hosaluk's** work @
www.michaelhosaluk.com
*$25 fee for this meeting which includes lunch

Tuesday Morning Meeting
April 3, 2012
9:00am-Noon
John Kowalchuk's shop in Hauppauge.

Club Notes

Totally Turning Symposium
March 31-April 1, 2012
Saratoga Springs, New York
View their website for details.

L.I. Woodworkers club member Mike Luciano is organizing a bus trip to the symposium. If you are interested, call Mike. 516-798-4942

The large screen television, purchased by the LIWA, has been installed in the BOCES classroom. This new TV allows our members to watch lathe work during our demonstrations and projects a vivid

and clearer picture to the members. Thanks to all that helped this purchase and installation come to fruition.

B.O.C.E.S. Workshop

March 27th, 2012

Eight LIWA members will be conducting a woodturning workshop for the carpentry students at the Wilson Tech. Center on March 27, 2012. Two separate groups of students, morning and afternoon, will be instructed in lathe safety, tool usage and the methods to turn a bowl. Each student will have an opportunity to turn a basic bowl to completion. Eight lathes will be available for the students.

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LIWA dues for 2012 are to be remitted to **Treasurer Joe DeMaio.** Please see Joe at the March 8, 2012 meeting if you have not already done so.

February Demonstration

Paul MacMenamin

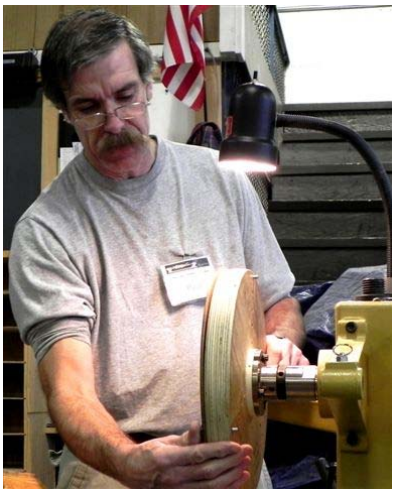
"Jigs and Techniques for Finishing Bottoms of Woodturnings"

Demonstration of Straka chuck also called Doughnut chuck.

The demonstration began with Paul showing some bowls that he had cored using the McNaughton coring system, which Don Lindsley had demonstrated at the January 2012 meeting. These bowls are in the drying stage and the plan for this demo was to show how to take the dried rough turned bowls and finish them.

The jig is made from two layers of ¾ " good grade plywood, glued together and cut on the band saw to a circle with a diameter about the same as the clearance of the lathe. Attach a faceplate to the center of the plywood and turn true on the lathe. Paul recommended to permanently attaching the faceplate to eliminate future difficulties truing the jig again. With the lathe running mark concentric circles every inch. With the lathe off, use the indexing to divide the circle into three sections. Using a drill press, drill holes at the intersection of the lines.

The fixture rings are constructed by cutting circles of ¼" ply and attaching with a nail to the center of the jig. Hold in place or clamp while holes are drilled through the holes in the jig into the ¼" ply. Then attach the circle to the jig with three ¼ "x 2 carriage bolts with washers and wing nuts. Different sized holes are then turned in each of the ¼" ply circles. Make as many as you need and more when you need them. Start with 4, 6 8 10 12" and bigger depending on the lathe size.



It is a good idea to mark one of the radial lines as top and mark each ¼" doughnut while it is on the lathe the first time. The inside hole of each doughnut is lined with plastic tubing cut along its length.

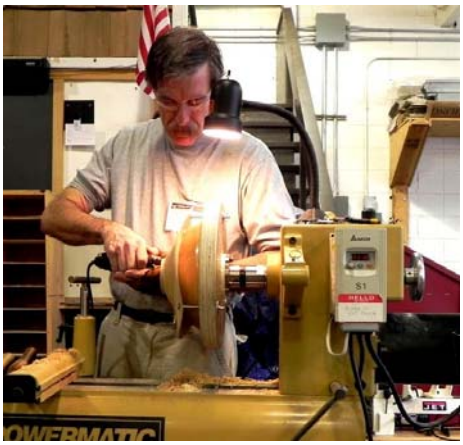
Truing up the rough turned and dried bowl.

First, true the tenon by forcing the inside of the bowl against the four jaw chuck. Use the tailstock to keep it in place and center it as well as possible. Now true the tenon, using a parting tool or gouge. The bowl can then be mounted in the four jaw chuck. Start by truing the edge then shape the outside down to close to the chuck. The inside is turned and sanded. Then complete with the finish of your choice. The outside can be sanded and finished from the edge to close to the chuck.

To reverse turn, take the chuck (still holding the bowl) and mount on the tailstock. An adapter is needed. Before mounting the chuck on the tailstock place one of the doughnut circles over the tailstock quill. Now mount the jig on the headstock and slide the tailstock with the bowl mounted up to the jig. Using 1/4" carriage bolts that are long enough to go through the doughnut and the jig, tighten the bolts using the wing nuts. Continue around the three bolts until all are tight. The 1/4 "plywood flexes easily and holds the bowl in place.

Now with the lathe at moderate speed, use light cuts to shape the bottom. It is important before reverse mounting, to mark the depth of the inside of the bowl on the outside. Allow enough for the thickness of the bowl and make another mark. The bottom is finished down to this second mark. Paul showed a regular raised foot bowl and then a three footed bowl. Sanding and finishing is completed on the bottom of the bowl before dismounting it.
This chuck can also be used to mount irregular or natural edge pieces. This is done by using a piece of 3" plastic pipe as spacer between the jig and the bowl so that the edge does not touch the jig.

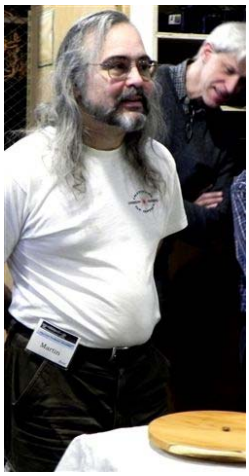
Other methods of reverse mounting were discussed including Cole jaws and a vacuum chuck.



Thanks Paul, for an enlightening and interesting demonstration.

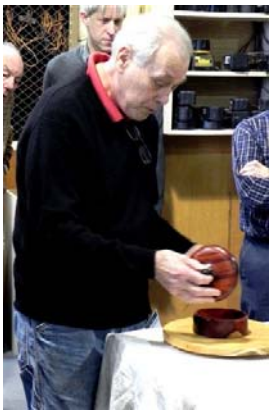
Show and Tell

Martin Rost-several small turnings of engineered lumber, colored, red oak bowl



Les Hoffman- his third wedding vase with a double spout, black walnut vase, round bottom bowl.

Norm Abrams-lidded cocobolo box.



Ken Deaner-three leg hollow, textured,colored vessel.

Marty Mandelbaum-medium sized vase.

Bill Hemple-cherry burl shallow bowl with natural edge.

Cliff Furcall-lidded boxes with yew and walnut finials.

Peter Richichi-maple bowl.

Paul MacMenamin-finger ring stand.

Don Lindsley-nested bowl set of burl, salad tongs to match

Greg Nicharico-exotic wood and acrylic pens with CA and other finishes.