

WOODTURNERS OF ST. LOUIS

A Chapter of the American Association of Woodturners

June 2005

TURNING A LIDDED BOX

Demonstration by John Buehrer

This month's demonstration was on turning a lidded box. A lidded box is a challenging, yet very rewarding project. It makes a quick (for some) keepsake or a nice gift.

John selected a dry block of ash for his lidded box. It is important that lidded boxes are finish turned from dry wood so they do not shift and warp after complete. A warped box's lid will not fit. Some turners rough turn them and let them dry prior to finish turning. John started by turning his blank to a cylinder between centers. A tenon is turned on both ends to fit into a chuck.

John then marks the cylinder to designate the lid and bottom. A good aesthetically pleasing proportion is 1/3rd of the cylinder for the lid and 2/3rd for the base. Once marked he uses a narrow kerf parting tool to separate the lid from the base. These narrow kerf tools can create a lot of heat so work the tool in at a slight angle working side to side.

Now you have two separate pieces with a tenon on each so you can rechunk them in your scroll chuck. John always finish turns the lid first. He started by hollowing out the lid to the desired depth with a modified spindle gouge, by Ray Key. Once hollow John uses a modified scraper and finish gouge to clean up the inside of the lid.

John then creates a "mortise" on the lid that will slip over a recessed lip on the bottom. The walls of the mortise must be square to the rest of the box for a good fit to the base.

Now sand and finish the inside of the lid. John uses Klingspors yellow j-flex sand paper because it is very flexible. He cuts a radius on the end of



his strips to make sanding inside the boxes easier. John uses satin Deft lacquer applied with a paper towel as his final finish.

Now mount the bottom in the chuck and turn a lip to jam chuck the lid onto it. To do this first score the wood with a skew to prevent chip out when cutting the lip to length. Cut the width at a taper first, stopping often to check the fit between the lid and the bottom. If you go too far and the lid fits a little loose wrap the lip with masking tape so you can jam chuck the lid tight enough to finish turn the outside of the lid.

Once the lid is complete he starts the process of hollowing the bottom.

He uses the same method as the lid to finish the inside of the base. John made special sanding sticks to reach into the bottom of deep boxes. The grit on the sanding stick was identified by the number of grooves turned into them.

John then removes the base and mounts it into a jam chuck to finish turn the bottom.

John's demonstration was full of good ideas and showed us all a smooth process for completing a lidded box. Bring a lidded box to our next meeting and share your tricks or tips with the group.



SAVE THE DATE!

Join us for the June Workshop

featuring

JoHannes Michelesen

See inside for more details!

St. Louis Wood Turners

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MAY SHOW & TELL



Dave Endres with Lidded Boxes



Rick Mosley with hollow sphere

Gary Roux: camphor wood plate
Cecil Robertson: 3 lidded boxes (cherry, oak, oak)
Walt Ahlgrim: turned pens (purpleheart with red-white-blue bands)
Bob Goulding: Lidded Box lacewood, walnut bowl with laced crack, walnut box
Rick Mosely: box elder hollow form
Dave Endres: looses fitted bowl boxes out of spalted sycamore (Winnie the Poo boxes), rolling pin.
Steve White has a homemade 600-800 CFM vacuum free for the taking.
Stan King - Belleville wood carvers show November 5th and 6th. We can sell at booth, 10% of sales will go back to club.

WOODTURNERS OF ST. LOUIS

President

Michael Marxer
314-835-9001
mikebit@swbell.net

Vice President

Joe Schumacher
636-464-8385
jfshoes@charter.net

Secretary

Jo Williams
636-375-0022
jawmaw@sbcglobal.net

Treasurer

Stan King
636-467-3977
skyking999@sbcglobal.net

Conference Coordinator

John Buehrer
314-423-6522

Webmaster

Bill Rubenstein
636-949-2044
wsr2@swbell.net
Web Site: <http://www.stlturners.org>

Yahoo e-group

STLWoodturners

Newsletter Editors

Micki & Matt Keim
314-791-9948
mickikeim@hotmail.com



Special thank you to all of the St. Louis Woodturners that participated in the Purple Heart pen effort. If you haven't turned in your pens yet, please bring them to the next meeting!

St. Louis Wood Turners

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THE WOODTURNERS OF ST. LOUIS PRESENT

JOHANNES MICHELSEN



CREATOR OF THE WOODHAT

TUESDAY, JUNE 28, 2005

8:30AM - 4:30PM

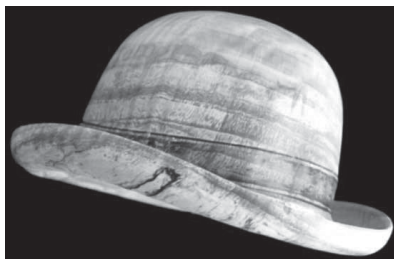
Fee = \$55 per person

Fee includes snacks, drinks and a box lunch. Bring your own chair!

Please register in advance and mail your checks to Stan King.

Mark your calendar for our next special event Tuesday, June 28th, JoHannes Michelsen demonstration. The original concept came to him in early 1980, it took 10 years of mulling it over in his head before he made the first hat and put it on his head. His hats were so well received, they were a powerful force that took over his artistic output, he has since made almost nothing but hats. Over the years he has developed many devices and techniques to ever improve the art form all of which he will share with St. Louis.

Every important collection of turned wood in the country includes at least one woodhat. Most collectors appreciate their hats purely as sculpture, while some collectors choose to wear theirs as well.



Questions call Mike Marxer 314-835-9001 or Gary Hinegardner 573-564-2582

JOHANNES MICHELSEN DEMONSTRATION WILL BE HELD AT DAVE ENDRES' BUSINESS ON TUESDAY, JUNE 28 FROM 8:30AM - 4:30PM.

DIRECTIONS TO DAVE ENDRES' BUSINESS

**3491 TRECOURT LANE
ST. LOUIS, MO 63122**

270 to west on Big Bend. If coming north on 270 you must exit at Dougherty Ferry and come back south on 270 to exit at Big Bend. Go approximately 2 miles west on Big Bend and turn left at stop light on Treecourt Industrial Drive. Go through tunnel and make next right on Treecourt Lane. Dave's place is between Spindle and Westerman at 3491 Treecourt Lane. If having trouble finding it call Dave at 314-568-1244.



REGISTRATION FOR JOHANNES MICHELSEN DEMO, JUNE 28, 2005

Name: _____ Phone: _____

Address: _____

City: _____ State: _____ Zip: _____

Email: _____

Amount Enclosed: _____
(Fee = \$55 for members & non-members)
Make checks payable to **Woodturners of St. Louis**

mail to:
Stan King
6548 Ike Drive
Barnhart, MO 63012

St. Louis Wood Turners



RAFFLE

Currently there are 2 raffle prizes available. **Blackwood** chances are \$1-(*only a few remain*) Our next raffle will be a large block of **Macasur Ebony** measuring 7x6x6. Chances are \$2 each.

Please come to our next meeting for more details!

Last Months Winners!

- Glass hat was won by Rick Mosley
- The Snakewood piece was won by Charlie Bottermuller

GREEN END SEAL

All members of the St. Louis Woodturners have the good fortune to purchase end seal at a greatly reduced cost. Dave Endres has been gracious enough to store the clubs drum of end seal and sell to our members for only \$5 per gallon. To take advantage of this great opportunity please contact Dave. If you contact him by the Friday before a meeting he will bring the end seal to the meeting and collect your money. Otherwise you may make arrangements to pick it up from his business.

TURNINGS FOR SALE

Anyone wanting to display vessels for sale at Krueger Pottery should bring them next meeting. Labeled, and priced. 60% goes to the turner, 40% to the store. We are looking for vessels and bowls only, so they fit in well with the pottery displays. Questions, call Mike Marxer.

CLASSIFIEDS

Stan King has elk and deer horn for sale at \$8.00 per lb.

* JULY*

CHALLENGE

For the July Meeting, turn a Lidded Box. See the front page for more details if you missed John's demonstration in May.



AAW 2005 Symposium July 22-24, 2005 Overland Park, Kansas

The collaborative project for this year's symposium entry is almost complete. Special thanks to Bob & Patti Dickherber for hosting this year's collaborative project meetings.



MEMBERSHIP APPLICATION --WOODTURNERS OF ST. LOUIS

NAME _____

STREET ADDRESS _____

CITY _____ STATE _____ ZIP _____

HOME PHONE _____ WORK PHONE _____

E-Mail _____

Mail this application along with your check for \$20 for one-year's dues to:

Woodturners of St. Louis
6548 Ike Drive
Barnhart, MO 63012

or, bring it to the next Meeting.

WOODTURNERS OF ST. LOUIS

Micki Keim, Editor
2649 Forest Glen Estates Drive
Pacific, MO 63069

CALENDAR

June
NO MEETING

June 24, 9am
Collaborative Meeting

June 28, 8:30am-4pm
JoHannes Michelsen Class

July 31, 1-4pm
Meeting at the New Woodcraft
Check the next issue for directions.

