

South Metro Woodturners Newnan, GA



Chapter 215 of the American Association of Woodturners

<http://www.southmetrowoodturners.org> (Note: Our web site is again up and running again.)

May 17, 2016

Editor: Mike Raftis mikeraftis@yahoo.com

President's Message

Hope everyone is geared up for a busy month of June.

Demos on the 7th and 14th, the AAW Symposium between the two and the BBQ at the end of the month. I hope that will be enough to keep everyone occupied when not in the shop making shavings.

Benoit Avery on the 7th will be presenting some interesting boxes and much of his work is done with everyone's favorite tool, the skew. You may even find that your skew can do more than decorate your tool rack. Mike Hosaluk on the 14th will bring his spindle turning and surface design elements to the club for your appreciation and enlightenment.

Finally, starting on Friday the 24th we'll be firing up the smokers at Cornerstone Methodist Church. I will be sending an email out with the sign-up sheet so everyone can see where the indicated they were available to assist.

Please note there is need for more help on Saturday morning at 5 to help finish the

butts and get them ready for pick up. We have to be finished and out of the pavilion by noon as they are beginning VBS that Saturday, so if you can, let me know I can add you to the list. Tickets and receipts need to be turned in by the meeting on the 14th so we can make sure we order the proper number of butts. We need to be selling as many as possible, prices have not gone down yet which will keep the amount we can make per ticket lower than hoped, thus less to the club. So let's try to make up for it with volume.

After that, the next big event to look forward to will be the Labor Day Arts Fest on the Square in Newnan. I hope you all are working on inventory if you are going to have or share a booth. In order to have as many members as possible on the Square and highlight the variety of turnings we have available, let's all share a booth and spend a day promoting woodturning. I have a revised application from John and will be emailing it out this week.

By the way, there is still a need for volunteers at the

Symposium. You do not need to be attending the Symposium to volunteer so if you can and need Jim Hardy's number, give me a shout

Meeting Notes

There will be two meetings

Next Meeting

- Our next meeting is on **June 7 and 14 at John Beaty's Workshop**. See below for demonstrators. Map attached.
- Demonstrations for **June**:
 - 6/7: Benoit Avery
 - 6/14: Mike Hosaluk
- If you have an interest in a particular demonstration topic, or you have a skill or special technique you could share with the club contact **Ron Britton**. Members will be compensated \$50 for demonstrating.

Newsletter Contents

- [Links](#)
- [Schools](#)
- [Resources](#)
- [Demonstrator](#)
- [Demonstration Library](#)
- [Demonstrator Schedule](#)

Use the newsletter to communicate with your fellow members

Share your shop photos, 'sale' items, tool tips or anything else you would like to with our club members.

next month. They will be on June 7th and June 14th. The demonstrator on the 7th will be Benoit Avery, and on the 14th will be Mike Hosaluk. There will be a \$10 for attendance at the second meeting.

Monies from the sale of the pork butts must be turned in by June 14th.

Our web site (see link above below the masthead) is now up and running. There will be more features and refinements as time goes on, but be sure and check it regularly and give feedback.

Volunteers are still being accepted on line for work at the AAW Symposium in Atlanta.

September 5th will be the Labor Day Arts Festival on the square in Newnan. There are 53 booth spaces available for three participating clubs. Booths will be available for club members for \$25. Note that members can share a booth. The \$25 fee gets you just the 10'x10' space. Any shade, tables, chairs, etc., must be supplied by the booth assignee(s). Any surplus from the fees will be returned to the participating clubs on a proportional basis. Electricity may or may not be available. Sign-up for booths must be done by August 6th on a 'first come – first served' basis.

Setup is from 8-9:45, operation from 10:00-4:00. The club can operate a booth to sell member items. You will not be able to leave early.

A comment was made that there should be some pricing consistency for similar products, and also that an effort should be made to not have similar products clumped together.

Members with booths should have SMW flyers on display.

Orphan Bowls

Here is a collection of orphan bowls. All they need is a little 'finishin' up' and some TLC and they can go to the Empty Bowls project. If you have a little time to donate, pick up one – or more – at the next meeting.



Member's Work for May



Aromatic Cedar Lidded Box by **George Daughtry**, also showing the inside of the lid.



Cherry Burl bowl by **Don Heath**.



Box Elder bowl with natural edge by **Jack Essex.**

Oak Awl and Birdcage Awl by **Mike Raftis**





River Birch vase by **Mike Raftis**.



Holly *Beads of Courage* box
by **John Von Eschenbach**.



Two small mahogany bowls and a olive wood cup by **John Von Eschenbach**.

Demonstrator for May: Mike Gibson

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



(Editor's Note: I was limited in my photo taking for this demonstration by the malfunctioning of our video camera.)

Michael demonstrated hollowing techniques for us. He started with a reminder that the spindle roughing gouge should be used just for that: roughing spindles. He also reminded us that when mounting a tenon in a four jaw chuck take care that the tenon doesn't bottom out in the chuck. This creates a situation where the piece could fly out of the chuck. Also the chuck gets a better grip on the tenon if the jaws are nearly closed when tightened.

Michael uses the bedan a lot, and he noted that he sharpens the sides of the tool as well as the tip. He finds the extra cutting edges useful.

When designing your pieces the 'Golden Mean' tool, or Fibonacci gauge is useful for laying out the profiles. The golden mean ratio occurs throughout nature, and items designed with this ratio just tend to look 'right.' (Enter 'golden mean proportion tool' into your browser search window and you will find a wealth of articles on making and using these tools. –Ed.)

When drilling the starting hole for the hollowing, especially with wet wood, be sure to back the bit out frequently. The bit can get stuck so that when backing it out it can pull the chuck out of the tail stock causing a hazardous condition.

Shear scraping with the cutter at a 45° angle produces surfaces with the least tearout. The cutter should be kept just slightly above the centerline. For small tearout repair use a curved scraper shearing at 45°.



Two spur drive works well for wet wood.



Roughing to shape, Leave extra material at the bottom until final shaping.

The hollowing sequence is: (1) Drill a hole to the desired depth; (2) Enlarge the hole in a cylindrical shape; (3) Expand in the upper part of the vessel about half way to the desired diameter; (4) Expand the lower part to about half way; (5) Expand the upper half to near

wall thickness; (6) Expand the lower part to near wall thickness.



Drilling

When cutting the bottom, adjust the tool rest to just above center and slant the tool.

Keep the sides of the vessel a consistent thickness. If the sides are of varying thickness, the uneven drying will tend to cause splitting and cracking.



Sand the inside with velcro sandpaper on a stick. The stick is shaped as necessary to accomplish the task.

The above procedure is recommended regardless of the tool being used. Michael demonstrated at least three different tool systems:

The first was just holding the tool without any jigs or fixtures. Long handles and sturdy tools aid in the process. With a curved-end tool the tip of the cutter should align with the centerline of the tool shaft.

The next step up is to add additional support for the tool behind the standard tool rest. This support can be a commercially made unit, or a home made fixture. Michael also showed a variety of tools and cutters.



Cutter shapes

Image from Trent Bosch web site.



Arm brace support



Home built support.



Home built with laser or camera attachment.



Didn't get the name of this item. -Ed.



The last system he used was the [Trent Bosch](#) hollowing tool and jig.



Trent Bosch jig with Michael's camera mount.

Michael also demonstrated a home made system for visualizing the interior of the vessel. The system demonstrated worked similarly to the laser systems we have seen in the past. The difference is that instead of a laser, Michael used a small video camera and screen. These components can be found on Ebay for a very reasonable price (<\$30.00). However with this you will have to design your own method for attaching it to your lathe, and a power supply. His system seemed to work quite well – if you don't mind seeing backup distance warning lines on the screen. (I found a 'ready to go' system on the Trent Bosch web site for \$650. – Ed.)



Display

This shows the camera display. The tool shape is drawn on the screen with a sharpie. The circle shape in the center is the cutter. When the tool is inserted into the vessel the tool shape will be seen as if viewed through the vessel, and you can see exactly where material is being removed.

A couple of Michael's works.



SMW DEMONSTRATOR LIBRARY

- #1 February 2005 – Turning a Lidded Box – Frank Bowers
- #2 March 2005 – Use of Turning Tools – Hal Simmons
- #3 May 2005 – Marquette's (miniatures) – Phil Colson
- #4 June 2005 – End Grain Turning – Mark Sillay
- #5 July 2005 – Ebonizing and Metal Leafing – Don Davis and Phil Piotrowski
- #6 October 2005 – Confetti Lamps – Troy Bledsoe
- #7 November 2005 – Partial Tool Control – Nick Cook
- #8 January 2006 – Cutting Segments for Polychromatic Work – Don Russell
- #9 March 2006 – From Log to Bowl – Frank Bowers
- #10 April 2006 – Making Cutting Tools – Using Texturing Tool on Shallow Bowl & Goblet – Joe Getty
- #11 July 2006 – Confetti Light and Pocket Mirror – Mike Hare
- #12 October 2006 – Basic Bowl – Frank Bowers
- #13 February 2007 – Cowboy Hat – Pat Johnson
- #14 May 2007 – Hollow Form – Frank Bowers
- #15 September 2007 – Multi Axis Turning – Don Heath
- #16 October 2007 - Segmented Turning – Don Russell
- #17 May 2008 – Hollowing From the Bottom – Wes Jones
- #18 June 2008 – Texture and Spiral – Frank Bowers
- #19 July 2008 -- Triangle Winged Bowl / Offset Bottom Bowl – Bruce Bell
- #20 August 2008 – Lidded Box – Dan Tull
- #21 September 2008 – Platters – Fred Morris
- #22 June 2009 – Platter with Chatter Tool – Joe Gettys
- #23 July 2009 – Dyes and Glazes – Matthew Hill
- #24 August 2009 – Cremation Urns – Clark McMillan
- #25 September 2009 – Beehive Box – Rebecca Quattlebaum
- #26 October 2009 – Square Bowl – Jack Morse
- #27 November 2009 – Natural Edge Burl Vase – Mark Sillay
- #28 January 2010 – Skew – Alan Lacer
- #29 February 2010 – Sphere – Marty Libman
- #30 May 2010 – Vase from Log Section – Rudy Lopez
- #31 June 2010 – Pens – Robert Johnson
- #32 September 2010 – Lathes, Tools, & Projects – Nick Cook
- #33 October 2010 – Different Ways to Look at Wood – Gary Gardner
- #34 November 2010 – Banksia Pod Teapost – David Datweiler
- #35 February 2011 – Router – Cliff Lownesbury
- #36 March 2011 – Pyrography and Turning a Bowl – Mike and Cynthia Gibson
- #37 April 2011 – Offset Turning – Frank Penta
- #38 May 2011 – Winged Box – Jimmy Clewes
- #39 June 2011 – Poly Resin – Rich Aldrich
- #40 July 2011 – Scrap Wood Boxes – Mark St. Leger
- #41 September 2011 – Hollow Form Inserts, Natural Edge Bowl – 2 out of 3 Amigos
- #47 October 2011 – Beall Buff – Wes Jones
- #48 January 2012 – Blockwork Candles – Alan Leland
- #49 March 2012 – Hollow Form – Frank Bowers
- #50 April 2012 – Small Hollow Form – Joe Gettys
- #51 May 2012 – Small Bowls with Metal Leaf – Leon Thomas
- #52 June 2012 – Unique Methods for Bowls – Turk Alliston

- #53 July 2012 – Spindle Turning – Ashley Harwood
- #54 August 2012 – Canes – Jeff Roberts
- #55 September 2012 – Coloring Techniques – Bradley McAllister
- #56 October 2012 – Fundamentals – Ed Lewis
- #57 November 2012 – Coloring Techniques – Steve Prichard
- #58 January 2015 – Tool Control – Mark Sillay
- #59 March 2015 – Bowls with Carved Feet – Richard Morris
- #60 May 2015 – Projects – Robert Lyons
- #61 June 2015 – Long Stem Goblet – Jim Creel
- #63 August 2015 – Hollow Form – John Jordan
- #64 September 2015 – Lidded Box / Natural Edge Bowl – Frank Bowers
- #65 September 2015 – Wall Art / Platter – Nick Agar
- #66 October 2015 – Basket Illusion – Harvey Meyer
- #67 November 2015 – Cold Bend Hardwood – Tania Radda
- #68 February 2016 – Purse Box – Walt Wager
- #69 March 2016 – Offset Turning – Barbara Dill

Woodturning Resources

-Tools and Supplies-

[Bear Tooth Wood](#)

Specialty pen kits

[Best Wood Tools](#)

Specialized Woodturning Tools

[Craft Supply](#)

Woodturning Supplies

[Craft ID](#)

Signature Medallions

[Earth's Watch](#)

Wooden jewelry and watches

[Franck Johannesen](#)

Woodturning

[Geiger's Solutions](#)

Robust lathes and accessories

[Hartville Tool](#)

15% discount for GAW members

[Highland Woodworking](#)

Woodworking tools and supplies

[Hunter Tool Systems](#)

Carbide woodturning tools

[Hut Products](#)

Woodworking tools and supplies

[John Jordan Woodturning](#)

Woodworking tools and more

[JT Turning Tools](#)

Woodworking tools and accessories

[Klingspoor](#)

Abrasives and woodturning supplies

[Lyle Jamieson Tools](#)

Hollowing tools

[One Way Manufacturing](#)

Lathes and accessories

[Packard](#)

Woodturning supplies

[Peachtree Woodworking Supply](#)

Turning and carving tools, supplies

[Penn State](#)

Woodworking tools and supplies

[Rockler](#)

Woodworking and Hardware

[Ron Brown's Best](#)

Woodturning tools and Videos

[Sanding Glove](#)

Abrasives and sanding equipment

[SS Niles Bottle Stoppers](#)

Stainless steel bottle stoppers

[Thompson Lathe Tools](#)

High quality steel woodturning tools

[Vinces WoodNWonders](#)

Sanding products

[Woodcraft of Atlanta](#)

Woodworking and hardware

[Woodturners Wonders](#)

Lathe lamps and CBN wheels

[Woodturningz](#)

Pen kits and woodturning supplies

-Magazines-

[More Woodturning](#)

Online woodturning magazine

[Wood Magazine Forum](#)

Q&A on woodturning

-Websites-

[Woodturning Videos](#)

Excellent woodturning videos

[Woodturning](#)

Woodworker's Institute

-Wood Sources-

[Australian Burls](#)

Burls from Australia

[Bell Forest](#)

Figured and exotic woods

[Big Monk Lumber](#)

Exotic woods

[Century Tree Turnings](#)

Woodturning blanks

[Got Wood?](#)

Source of wood turning blanks from Piedmont area of South Georgia

[Hardwoods Incorporated](#)

Specialty hardwoods

[Two Tree Boyz Wood](#)

Selling locally harvested green wood. Contact Elizabeth Ross at twotreeboyz@yahoo.com

Hartville Tool Discount Program

The Hartville Tool discount program, which is available to GAW members, offers club members a 15% discount on thousands of woodworking items (some restrictions apply). If you haven't already signed up, and you wish to participate in this program, you may sign up by sending your name, address, and email to gawoodturners@gawoodturner.org and state that you wish to be added to the Hartville list.

Members Items for Sale

If you have any items you wish to sell within the club, send the information to the newsletter editor (mikeraftis@yahoo.com) and I will insert the item in the next issue.

Super NOVA2 with 8100 Inifinity Upgrade Slides. 130 mm jaws, 100 mm jaws, 75 mm jaws, 2" jaws, long nose jaws and Cole jaws. All with Nova Lathes 8200 Infinity Retrofit jaw Kit. \$500.00.

Craftsman 10" Table Saw with Laser Trac® (21807) - \$175, to a club member \$150. Like new condition, used very little.

Bobby Cumbie

678-576-3910

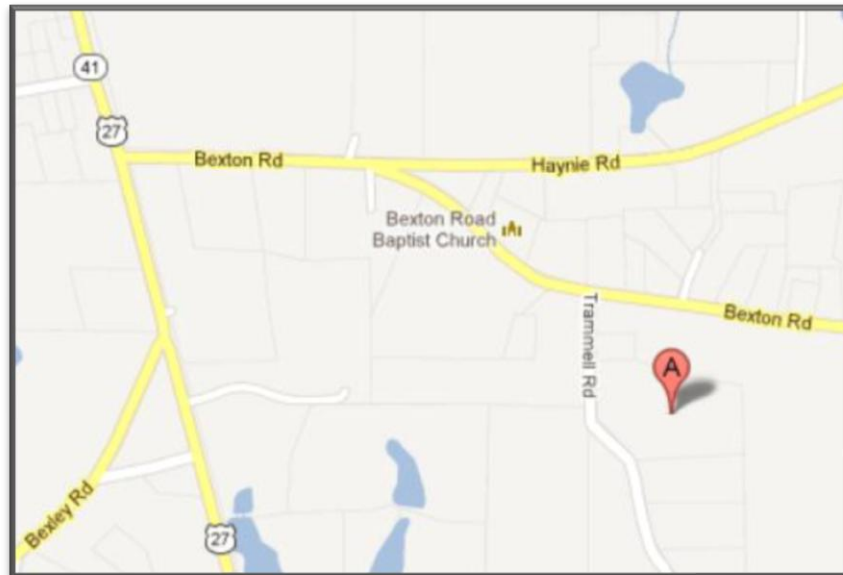
Members Items Needed

If you have any items or tools that you wish to purchase from a club member, send the information to the newsletter editor (mikeraftis@yahoo.com) and I will insert the information in the next issue.

John Beaty's shop is our current meeting place. John's address is:

104 Trammell Rd.,
Moreland, GA
Phone 770 -328-0883

Lots of parking is available, but please leave the spaces nearest the shop for those with mobility issues.
Be courteous and considerate.
Don't tease the dogs!



South Metro Woodturners Officers for 2015

President	Roger Hendrickson	404-418-6255	rogerh845@charter.net
Vice President	George Blankenship	678-360-0585	grizzlygideon100@hughes.net
Treasurer	Wayne Morris		jwayno49@gmail.com
Secretary	Mike Rafftis	770-598-3552	mikeraftis@yahoo.com
Past President	Don Heath	678-410-7219	md4heath@bellsouth.net
Program Comm.	Ron Britton	770-328-9807	rbritton625@bellsouth.net
Member Rep	John Von Eschenbach	404-702-8739	johnvone@bellsouth.net
Newsletter Ed.	Mike Rafftis	770-598-3552	mikeraftis@yahoo.com

Woodturning Links

Woodturning/Woodworking Associations and Clubs

[American Association of Woodturners](#)

[Apple Ridge Woodturners](#)

[Barnesville Woodturners](#)

[Bi-City Woodturners](#)

[Georgia Association of Woodturners](#)

[Gwinnett Woodworkers Association](#)

Low Country Turners
- Tom Gattis - 912-898-5970

Mountain Laurel Woodturners
- John Moss 706-754-5679

[Peach State Woodturners](#)

[South Metro Woodturners](#)

[Woodworkers Guild of Georgia](#)

Supplies and Information

[Craft Supply](#)

Woodturning Supplies
800-551-8876

[Don Geiger](#)

Wheel Truing & Dressing System

[Got Wood?](#)

Wood Turning Supplies

[Hardwoods Incorporated](#)

Specialty Hardwoods
800-964-7804

[Highland Woodworking](#)

Woodworking tools, supplies
800-241-6748

[Hut Products](#)

800-547-5461

[Klingspor](#)

800-228-0000

[Lee Tree Woodworks](#)

8411 Tatum Rd, Palmetto, GA 30268
Exotic wood Source
678-378-0963

[Packard](#)

800-683-8876

[Penn State](#)

800-377-7297

[Rockler](#)

Woodworking and Hardware
800-279-4441

[Woodcraft](#)

800-225-1153

[Wood Magazine Forum](#)

Q & A on Woodturning

[South Florida Woodworking Guild](#)

[The Woodyard](#)

Lumber, sheet goods, turning stock
122 Main Street, Concord, GA
770-468-8588

2016 Demonstrators and Meeting Programs

January:	Jim Duxbury	February:	Walt Wager
March:	Barbara Dill	April:	Frank Bowers
May:	Mike Gibson	June:	6/7: Benoit Avery; 6/14: Mike Hosaluk
July:	Dennis Paullus	August:	Peggy Schmid
September:	Ken Hamilton	October:	TBD
November:	Nick Cook	December:	Christmas Party

Specific projects for each demonstrator will be announced.

Woodturning Schools and Classes

John C. Campbell Folk School

800-FOLK SCH, Brasstown, NC

Arrowmont School of Arts & Crafts

865-436-5860
Gatlinburg, TN

Highland Woodworking

800-241-6748
Atlanta, GA

Appalachian Center for Crafts

931-372-3051

Dogwood Institute School of Fine Woodworking

770-751-9571

Woodcraft

800-225-1153
Roswell, GA

Private Instruction

The following local turners give private woodturning instruction in their own shops. Contact them for more information.

Frank Bowers

fcbowrs@aol.com
404-292-1107

Nick Cook

nickcook@earthlink.net
770-421-1212

Peggy Schmid

schmidgodfrey@bellsouth.net
678-947-4562

Mark Sillay

marksillay@me.com
404-556-1736

Phil Colson

pcolson@mindspring.com
404-518-4925
404-292-1107

Wes Jones

wwjones@comcast.net
770 972-6803

This Safety Information and Safe Lathe Speed Chart is repeated because it is so important and our fellow turners keep getting hurt. A safe RPM Chart to post on your lathe is available. -ed

Safe Use of the Woodturning Lathe

By Paul Hannaby

While turning wood, you are unavoidably in close proximity to a rotating machine attached to a piece of wood. This poses a number of hazards, but these can be minimized with a common sense approach.

- Make sure the wood is securely held for the task in hand.
- Never leave a chuck key in the chuck. If the lathe starts up it becomes a missile!
- If your lathe has forward and reverse, make sure the chuck, faceplate etc. is secured with a locking screw to prevent it from unscrewing if you use the lathe in reverse for sanding.
- Check your speed - When you mount a fresh piece of wood on the lathe, make sure the lathe speed is slow enough so the lathe won't vibrate dangerously.
- Position the tool rest close enough to the workpiece to provide adequate support.
- Before you turn on, rotate the workpiece by hand to ensure it does not catch on the tool rest.
- Don't balance tools on your lathe that might fall off and injure you. Keep them in a rack and use just the one in your hand.
- Keep your fingers away from the rotating wood and don't hang your fingers over the tool rest.
- Wherever possible, don't stand directly in line with the rotating wood so if it comes loose, or if part of it breaks off, you aren't in the firing line. As a minimum, stand out of the way when you first start the lathe and bring it up to working speed.
- If you are turning pieces of wood with glue joints, ensure the joint is secure and use a lower lathe speed as a precaution.
- If you use cyanoacrylate (CA) glue, commonly known as "superglue," for crack / gap filling, make sure the glue is dry before turning the lathe on. Sometimes a surface skin can form but the glue beneath can still be liquid. Once it sticks to your visor, it is virtually impossible to remove cleanly. You were wearing a visor - weren't you?
- When sanding, don't wrap the abrasive around your fingers and use with your fingers trailing the direction of rotation.
- Never use woven cloth rags for polishing on the lathe. There are safety cloths available, which are made from unwoven paper. These are designed to allow tearing if the cloth should catch.
- For more Safety info from Paul Hannaby, see the [Wood Turning On-line](#) web site

Safe Lathe Speeds

Dia.	RPM Range
1	6000 - 9000
2	3000 - 4500
3	2000 - 3000
4	1500 - 2250
5	1200 - 1800
6	1000 - 1500
7	857 - 1286
8	750 - 1125
9	667 - 1000
10	600 - 900
11	545 - 818
12	500 - 750
13	462 - 692
14	429 - 643
15	400 - 600
16	375 - 563
17	353 - 529
18	333 - 500
19	316 - 474
20	300 - 450

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