

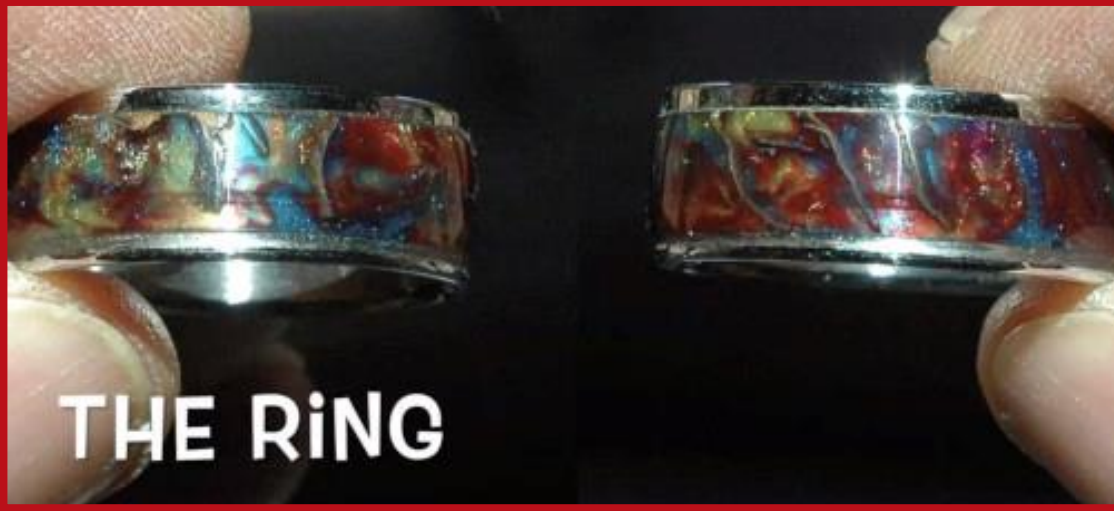


Minnesota WoodTurners Association

A LOCAL CHAPTER OF THE AMERICAN ASSOCIATION OF WOODTURNERS

AAW | AMERICAN ASSOCIATION
OF WOODTURNERS

Volume 2021 # May-2



*Tuesday
Turners
Tune-Up*

Lee Luebke
Ringmaking
p. 8



BOARD MEMBERS

Officers

PRESIDENT

Lee Luebke

VICE PRESIDENT AND LIBRARY

Janese Evans

TREASURER

Mark Debe

RECORDING SECRETARY

Rosanne Gold

Directors

Reid Zimmerman **501c3 Coordinator**

Marc Paulson

MEMBERSHIP DIRECTOR

Ken Crea

TECHNICAL SUPPORT

Dick Hicks

Marc Paulson

**AAW REPRESENTATIVE &
DEMONSTRATIONS**

Linda Ferber

OTHER STAFF SUPPORT

Bob Meyer - Group Purchasing

Dan Larson - Class Coordinator

Mike Hunter – Professional Demonstrations

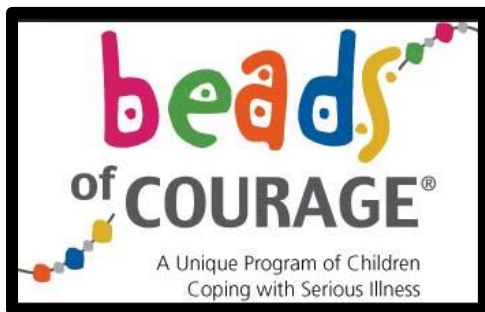
Paul Laes – Sales at Meetings

Mike Rohrer - Newsletter

In This Issue

Beads of Courage	p. 3-4
Arden Griep	p. 5
Instant Gallery	p. 6
Tuesday Tune-Up	
Lee Luebke	p. 8-19
Tuesday Tune-Up	
Mark Palma	p. 21-25
Member Challenge	p. 29-34
SE Metro Meets Again	p. 35-36
Announcements	p. 37-38
Bulletin Board	p. 39-41
New Members	p. 42
Lathe Contact	p. 44-45
Member Help Line	p. 46-47
MWA Demos	p. 48
Editor's Notes	p. 49





**Beads of Courage is
now being coordinated
by Jay Schulz**



Ron Majerus



Kraig Brue



Maple & walnut



Maple & padauk



Arden Griep, MWA member since 2000, passed away May 21. He truly enjoyed the MWA and its woodturning members.

Arden was one of the first to bring segmenting to the MWA and shared his many segmenting and artistic skills with the club. The last two years have been very difficult for Arden and his wife, June. Many members knew and respected Arden, and we extend our deepest appreciation to Arden and condolences to his family.



Please see newsletter Mini #37, Dec. 1, 2020, for a nice article about Arden by Lee Tourtelotte



Instant Gallery

Warren Gerber



3 cherry burl bowls. Steve Miller did the coring for me, so I ended up with 6 nice bowls from a single burl. The largest one is about 12 in. wide by 5 in. deep. I finished them with Osmo Polyx-Oil Clear Satin.





**Turning a 2 Piece Ring
Core with Lee Luebke**





Examples of Lee's rings

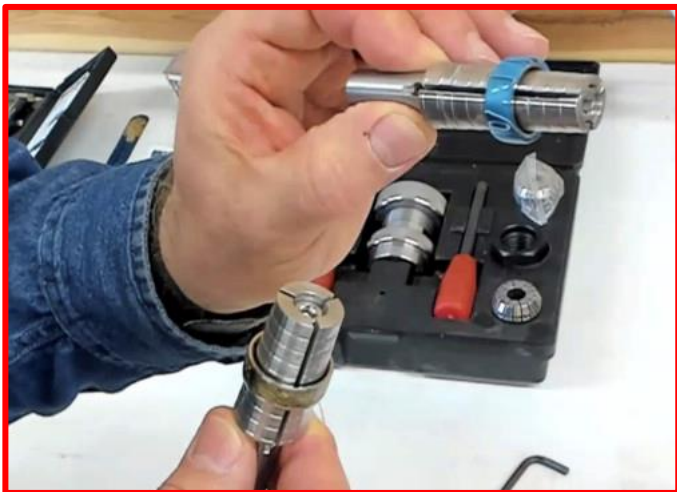


Ring mandrels



Mandrel with ring

Ring making equipment is available from Craft Supplies and other sources



2 sizes of mandrels



Mandrel in a collet

Tuesday Turners Tune-Up (cont'd)

Pres. Lee Luebke



A different style collet;
Lee doesn't like it as well



A ring cutterhead



A threaded ring blank



Craft Supplies acrylic blank;
wood blanks can be used



A wood ring



Double-sticky tape for
mounting ring blank
to turning block



Tuesday Turners Tune-Up (cont'd)

Pres. Lee Luebke



Epoxy is used in ring making



A digital caliper is extremely helpful



Lee likes Novus polish



Lee soaks wood in the hardener before turning



Measuring inside rims



A bigger blank



Tuesday Turners Tune-Up (cont'd)

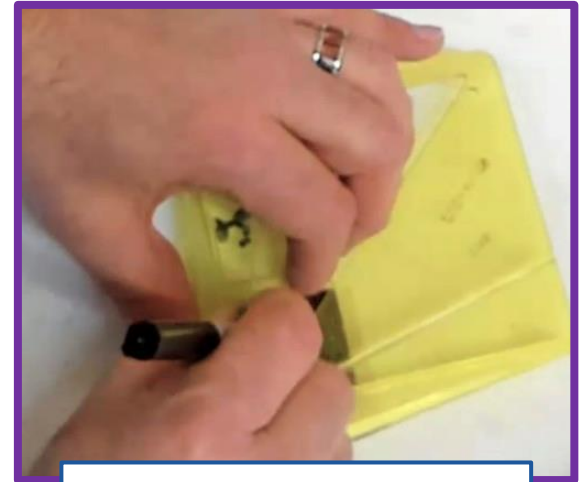
Pres. Lee Luebke



Sanding blank in a "figure 8" manner to flatten for gluing



Attaching double-sticky tape for mounting



Marking center on blank



Flattening waste block



Centering with the tailstock



Tuesday Turners Tune-Up (cont'd)

Pres. Lee Luebke



Cutting blank & waste block



Core out with bit
but leave 1/8"



Drill slowly



Center of blank drilled out



Using negative rake scraper



Tuesday Turners Tune-Up (cont'd)

Pres. Lee Luebke



Measuring width



Getting thinner with negative rake scraper



Still cutting with negative rake scraper



Getting close!



Almost! Want to finish by sanding.



Ring cutter head does the final sizing; trying 1/2 of ring for size



Tuesday Turners Tune-Up (cont'd)

Pres. Lee Luebke



Fits!



Removing from the waste block with a sharp knife



Ring halves are tight



Epoxy on the inner surface to glue the 2 halves together



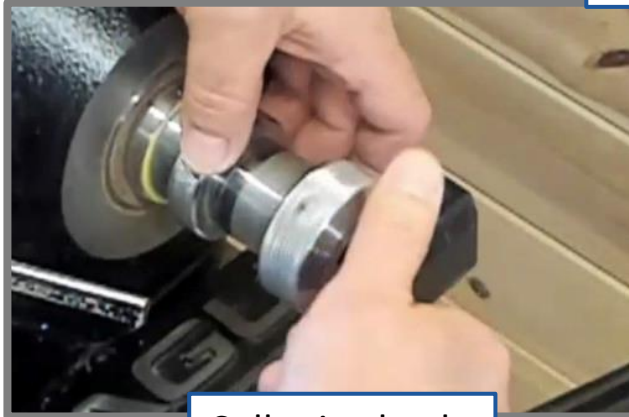
Dry the the epoxy with the ring sitting upright



Tuesday Turners Tune-Up (cont'd)

Pres. Lee Luebke

Shaping & polishing outside of the ring



Collet in chuck



Ring on collet



Negative rake scraper



Negative rake scraper



Wet sanding



Polished





Finished outside



Polishing inside



Tuesday Turners Tune-Up (cont'd)

To see the entire demonstration, log into the MWA website. Go to:

MWA Chapter>

Blog>

2021>

Scroll down almost to the bottom and find:

[Turning a 2 Piece Ring Core with Lee Luebke](#)





Don't Drink While Building!





May 18
A Bowl From Blue Jeans
Mark Palma



Lee introduces Mark Palma for a wild idea,
turning a bowl from blue jeans!



Mark says the title should be:
Do NOT Do This

Making a Blue Jean Bowl

Mark F Palma



The Inspiration Dennis Ciesieski



It takes 6 months or more & there's no way to repair anything that goes wrong

Harvesting and Preparing Material

- 93%, or more, clean cotton denim material
- Deconstruct by removing all seams and metal
- Cut into disks with a very sharp utility knife (plan on using several blades)
- Do not make too large of disks (10" to 7")
- Takes 5-6 pairs of jeans

Harvesting and Preparing Material



Glue Up

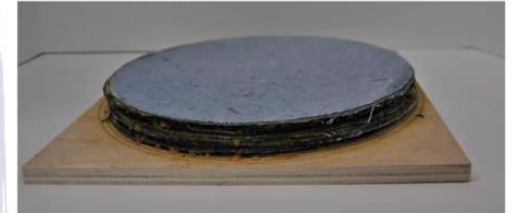
- Remember 93% (or better cotton)
- Needs wood substrate (½ or ¾ baltic birch)
- Layer by layer glue, and roll fabric until you reach 6 layers.
- Then clamp overnight, date the stack and wait at least a week for drying
- Keep in proper environmental range for glue to cure

Glue Up



Clamping pressure needs to be even on all 4 sides

Slow work 30 layers and 6 weeks later



It takes 6 weeks to get to this !

Finished Stack 6 months later



It takes 6 months to get to this !

Turning Process

- Mount securely on faceplate and always use tail stock support
- Stand safely! These things explode sometimes
- Hunter carbide tools only, will use up an insert per bowl so live with it
- Never use CA glue on cotton will cause a fire!
- Any vibration is fatal
- Wear dust mask, and have good dust extraction
- Do not let fibers build up on spindle

Turning Process



Turning Process Inside



Finished Piece



Brush the outside to make it feel “fuzzy”



Everyone who sees one wants one! But is it worth the time?



Tuesday Turners Tune-Up (cont'd)

To see the entire demonstration, log into the MWA website. Go to:

MWA Chapter>

Blog>

2021>

Scroll down almost to the bottom and find: [Blue Jeans Bowl with Mark Palma](#)



Locust Tree

On its way to becoming immortal



Dueling chainsaws! Harvesting honey locust in Hudson, Wisconsin. Dan Larson, Bill Campbell, Mark Kelliher, Tim Dodds, Dan Ernst.

WOODTURNING FUNdAMENTALS

American Association of Woodturners

May 2021 • Vol 10 No 2

Two of our members have major articles in the the May issue of Woodturning FUNdamentals from the American Assoc. of Woodturners

Linda Ferber

Decorative Inlays

Inlaid Hand Mirror & Button Inlays

Mark Palma

Evaluation of Cracks, Knots and Voids

Congratulations, Linda & Mark





Ancient olive tree with protective hands in Puglia, Italy

Monthly Challenge



New 2021 Monthly Meeting Challenge.

We are going to start up the monthly challenge.

The challenge will start in February and sponsored by Woodcraft. We will have some \$10.00 Woodcraft gift cards to give out through a random drawing giving all an equal chance to win. Number of cards to be determined.

To be included in the gift card drawing, pictures and description should be submitted via email to Mike Rohrer mdrprof@gmail.com *once finished but no later than one week before the Monthly Meeting date.* All have an equal chance at winning a gift card.

The Monthly Challenge for June was “Turn Something With 2 or More Axes”

I guess everyone is out celebrating going maskless. We only had 3 entrants.





This turning is made from spalted birch from my front yard. The lid is walnut. The idea came from an article in American Woodturner.

June Monthly Challenge – 2 or More Axes

Mike Rohrer



2 weed pots turned on 4 axes. The left is 7" x 2 ½", ash. The right is a 4-axis turning with a twist. To turn, axis 1 is lined up with axis 2, axis 2 with axis 3, etc. 9 ¼" x 2 ½"; ash courtesy of George Martin.



June Monthly Challenge – 2 or More Axes

Jay Schulz



4 axis, maple, walnut



4 axis, catalpa with
Brazilian cherry finial

June Monthly Challenge – 2 or More Axes

Jay Schulz



(Starting at front left and moving clockwise, sizes range from 5" for the buckeye flame up to 8" for both the •Bocote box and maple flame)

- Bocote box with boiled linseed oil finish
- Basswood box with boiled linseed oil finish
- Basswood flame with boiled linseed oil
- 3-axis with a 60-degree twist over 9". Maple, worm holes filed with epoxy & finished with boiled linseed oil
- 3-axis with a 90-degree twist over 7". Catalpa finished with black liming wax and carnauba wax top-coat
- Spalted buckeye finished with boiled linseed oil
- Basswood water drop with blue & black dye and lacquer finish
- Center – basswood flame with red, yellow and orange dyes & lacquer finish



July Monthly Challenge

Submit your entries for the July
Monthly Challenge “Turn
something cut and put back
together”

Remember, you may submit more than 1
entry so we may enjoy your turnings, but
your name will only be entered in the
drawing once, giving everyone an equal
chance to win.



SE Metro Sub Group In-person Meeting

The SE Metro organized by Jim Jacobs met May 20 at the Public House golf course in Hastings. 17 people attended and 13 stayed for a delicious outdoor lunch.



Dick Zawacki & Jim Jacobs



Jay Schulz



Jeff



Warren Gerber



Pres. Lee Luebke



Doug May & Bill Campbell



Charlie Prokop's



Lee Tourtelotte's swap meet stuff



Free wood!



SE Metro Sub Group In-person Meeting (cont'd)



Bob Hansen and "The Lees"
(Luebke & Tourtelotte)



Charlie and Jay look at Jeff's
test board



Jeff tested Mahoney's Oil and 3
types of Osmo finish in the rain



Bob Boetcher & Steve Raddatz



A delicious lunch overlooking the golf
course concluded a fun get-together





Announcements

June 5, 9am MWA Demo
Andrew Hall



Andrew is a turner in England. Look for an email from Lee Luebke describing his demo.



Are you interested in doing COMMISSION/CONTRACT TURNING?

Contact Pres. Lee Luebke at lguebke@comcast.net
and give him the following information:

- Your name and location
- Your interest in spindles, bowls, or any general or specific area of turning
- Your email address for additional contact information

The club is getting inquiries.
Rockler & Woodcraft will use this list for their inquiries also.





WOOD SEALER

At this time sealer is available from:

Lee Luebke, Corcoran MN, lguebke@comcast.net

Julie Abbott, Eden Prairie MN, JulieAbbott@EdinaRealty.com

Bob Meyer, Lino Lakes MN, rjmbobco@comcast.net

Steve Mages, Minnetonka, smages@juno.com

Paul Laes, Cottage Grove, Woodforfun@hotmail.com

I am looking for others to sell sealer throughout the metro area.

Bring plastic jugs if you have them.

Sealer \$10.00 gallon.



We need heavy duty plastic jugs for dispensing sealer.

If you have any gallon containers, we could sure use them. It would be best if you could bring your empty containers to be filled.

The club now has a chip card reader so you can pay Lee Luebke by credit card or cash. Each gallon is still \$10.

Anyone wanting to sell sealer can buy a quantity from me if you like or take some gallons and sell them to members and send the money to Treasurer Mark Debe.

Lee Luebke, President MWA, 612-419-8743





Craft Supplies Order

Keep your eyes open for an email from the MWA about our new order from Craft Supplies





Please send items for the Bulletin Board to: mdrprof@gmail.com

As a group which cannot meet in person, we'd like to keep up with our friends and hear about awards, shows, family news (weddings, accomplishments of children and grandchildren), retirements, hospital stays, illnesses, book recommendations, website recommendations and anything else you would normally talk about in person at MWA or Sub-Group meetings. All of these and more are possibilities for the Bulletin Board. We're not seeing our MWA friends face-to-face, but we still need to stay in touch.



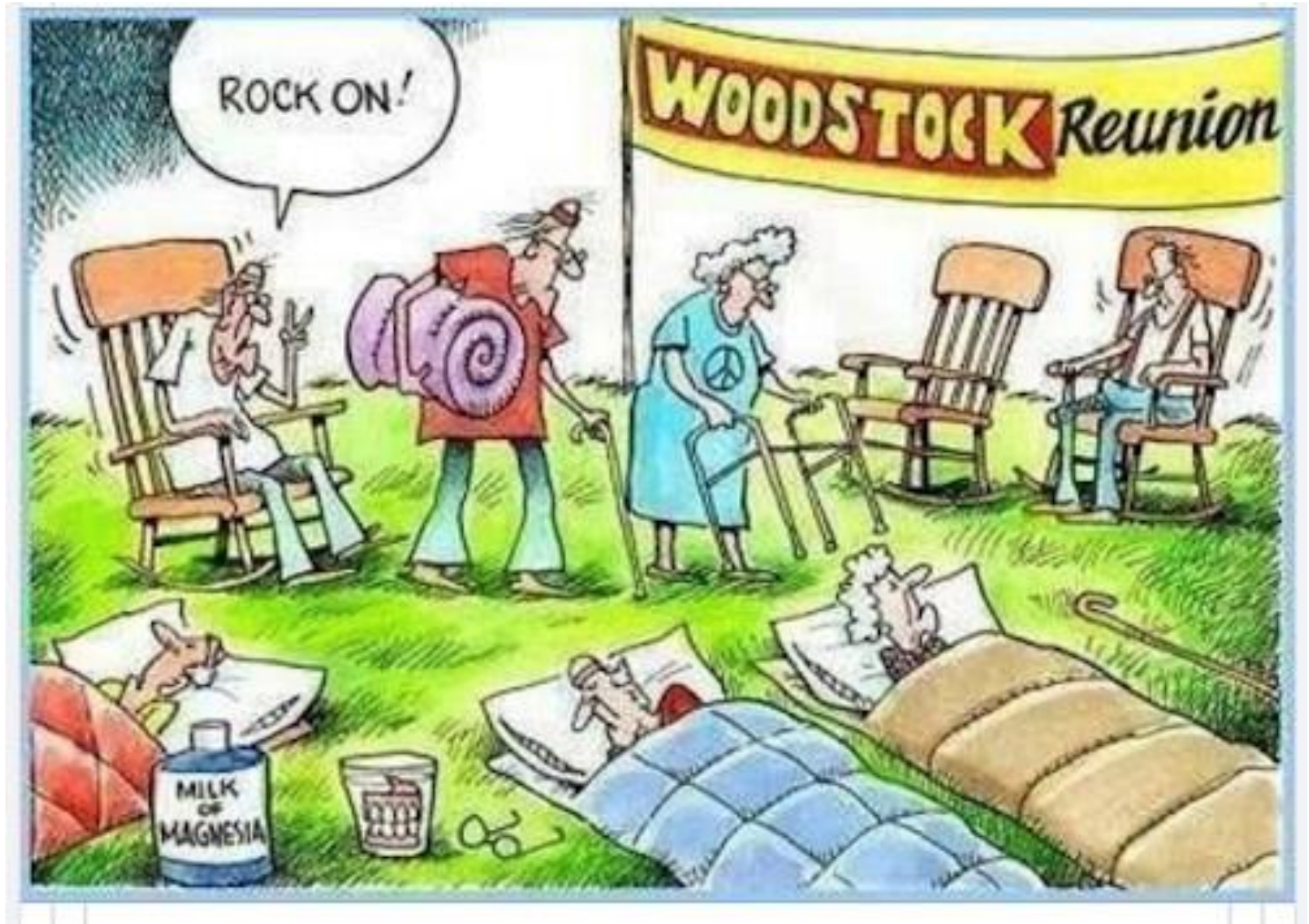
New Members May 2021

Welcome all new members and we all look forward to getting together face to face as soon as we can.

Michael Beede	Coon Rapids
David Reilly	Eden Prairie
Dominique Brewer	Inver Grove Heights
Bob Clague	Minnetonka
Broom Schweitzer	Robbinsdale
Rick Smith	Apple Valley
David Socha	Nisswa

Continued on next page





Lathe Contact List

The MWA Newsletter is presenting a list of members who would be happy to give you pros & cons and experiences with the lathes they own or with which they have had experience. This list is being updated every week as more members are contacting me saying they'd be happy to be listed. If you would be willing to have your name and email address listed under the type of lathe(s) you have, please contact me .

LATHE	Member	Email address
Bonnie Klein Mini 12x18	Linda Ferber	lindajaneferber@gmail.com
Craftsman Professional	Steve Mages	smages@juno.com
Delta mid size 12"	Randall Thompson	thomp013@umn.edu
Delta mid size 12"	Dan Larson	dhjlar@comcast.net
Delta midi	Bob Meyer	rjmbobco@comcast.net
Delta midi	Joe Zwirn	joezathome@msn.com
Grizzley G 0733	Martin Young	martin.clay.young@gmail.com
Harbor Freight(Central Machinery 10x18)	Rusty Ogren	rick.Ogren@consolidated.com
Jet 1015	James Zangl	james.zangl@gmail.com
Jet 12/21	Lee Luebke	lguebke@comcast.net
Jet 14x42	Rusty Ogren	Rick.Ogren@consolidated.com
Jet 1640	Joe Zwirn	joezathome@msn.com
Jet 1642 EVS	Jenny Trice	jennytrice@aol.com
Jet 1642 1.5 hp	Greg Just	woodturner07@gmail.com
Jet JML 10/14 Mini	Neil Robinette	northsideturners41@gmail.com
Jet JWL - 1220VS	John Campbell	campbell.jn@gmail.com

Continued on next page



Lathe Contact List (cont'd)

Laguna 12/16	Lee Luebke	lgluebke@comcast.net
Laguna 18/36	Jay Schulz	jfschulz@comcast.net
Laguna 18/36	Dan Larson	dhjlar@comcast.net
Laguna 18/36	Lee Luebke	lgluebke@comcast.net
Laguna 18/36	Mike Lucido	mike.s.lucido@gmail.com
Laguna Revo 18/36 220v	John Campbell	campbell.jn@gmail.com
Laguna Revo 18/36 220v	Neil Robinette	northsideturners41@gmail.com
NOVA 3000	James Zangl	james.zangl@gmail.com
Nova Comet II	Rolf Krogstad	rolf.krogstad@gmail.com
Nova Comet II	Mike Anderson	manderson4700@comcast.net
NOVA DVR 16"	Dan Larson	dhjlar@comcast.net
NOVA DVR 16"	Joe Zwirn	joezathome@msn.com
NOVA DVR XP	Bill Szydlo	szydlo.bill@gmail.com
NOVA DVR XP 16"	Chuck Shreffler	cshreffler@outlook.com
Oneway 2036	Dick Zawacki	dickzawacki@gmail.com
Powermatic 2014	Steve Legvold	stevelegvold@gmail.com
Powermatic 2520B	Steve Mages	smages@juno.com
Powermatic 3520B	Todd Williams	toddwilli@comcast.net
Powermatic 3520B	Steve McLoon	s.c.mcloon@gmail.com
Powermatic 3520C	Reid zimmerman	reidazimmerman@gmail.com
Powermatic 3520C	Dan Ernst	piloto1@comcast.net
Powermatic 4224B	Dan Larson	dhjlar@comcast.net
Powermatic 45	Todd Williams	toddwilli@comcast.net
Robust American Beauty	Tim Dodds	tbikefast@aol.com
Robust Liberty	Jim Jacobs	woodmanmn@aol.com
Robust Liberty	Warren Gerber	xlwalleye@gmail.com
Robust Sweet 16	Linda Ferber	lindajaneferber@gmail.com
Robust Sweet 16	Bob Meyer	rjmbobco@comcast.net
Shopsmith	Martin Young	martin.clay.young@gmail.com
Vega 2600	Bill Szydlo	szydlo.bill@gmail.com
Vicmarc VL 300	Lee Tourtelotte	leetourtelotte@icloud.com



Member Help Line

The club has organized a "Member Help Line", the purpose of which is to answer questions/give advice and help educate our membership. Even though it is more difficult during the Covid-19 social distancing time to help people in home workshops, there are still ways to help each other with woodturning questions/problems. The volunteers can help via email, telephone, Zoom, some personal contact using social distancing and masks, and probably other ways we haven't tried yet.

Maybe you're a beginner looking for advice on what to buy.

Maybe you have questions on chucking.

Maybe you have sharpening questions.

The volunteers listed on the next page are more than happy to help. Some have listed areas in which they feel more comfortable, but all will help with your woodturning question.

We would like more members to volunteer for our Member Help Line. If you would like to be "on call" please contact Mike Rohrer at mdrprof@gmail.com with your phone #, email address, area where you live, areas you'd be willing to help with, and your name will be added to the list.

Continued on next page



Member Help Line

Mike Rohrer	612-276-9556	mdrprof@gmail.com	bowls, boxes	South Mpls
Steve Miller	715 821-8726	ssmiller920@gmail.com	all types, light on segmenting	River Falls, WI
Lee Tourtelotte	612-670-1874	leetourtelotte@icloud.com	all types, beginner, advanced	South Mpls
Warren Gerber	651 403 2883	xlwalleye@gmail.com	Bowls	Mendota Heights
Jim Jacobs	651-497-1309	woodmanmn@aol.com	beginner/advanced, segmenting, skews	Hastings
Dick Zawacki	507-744-5748	dickzawacki@gmail.com	general, bowls, wood carving	Northfield
Mike Lucido	651-738-2551	mike.s.lucido@gmail.com	general woodturning	Woodbury
Bill Campbell	715-338-2634	wm.e.campbell@uwrf.edu	general woodturning	River Falls, WI
Mark Kelliher	651-636-8678	markandkathy007@comcast.net	general woodturning	Arden Hills
Todd Williams	651-274-4658	toddwilli@comcast.net	general woodturning	Lake Elmo
Bob Meyer	651-483-6187	rjmbobco@comcast.net	bowls, ornaments, sharpening, gen'l.	Lino Lakes
Dick Hicks		rbhicks@rbhicks.com	platters, spindle work, bowls	Zoom from shop
Steve Mages	952-544-5286	smages@juno.com	general woodturning	Minnetonka
Neil Robinette	763-639-1085	northsideturners1@gmail.com	sharpening, tool control, turning vs budget	Brooklyn Park
Andy Levesque	651-769-4070 TEXT	andy.m.levesque@gmail.com	resin/epoxy casting, hybrid turning, vacuum stabilizing, CNC & laser engraving	Lindstrom
Rusty Ogren	612-990-4857	rustywoodsart@gmail.com	resin questions, crack filling	Plymouth
Dan Ernst	651-280-7484	pilot01@comcast.com	coring, wing bowls, bowls, gen'l turning	Maplewood, St Paul
Bill Szydlo	651-206-5547	szydlo.bill@gmail.com	segmenting, sharpening, gen'l turning	Northfield, MN
James Zangl	6541-645-4696	james.zangl@gmail.com	bowls, hollow forms, vases, pens, etc	St Paul -Hamline area
Joe Zwirn	612-619-4793	joezathome@msn.com	segmenting, general woodturning	Brooklyn Center
Mark Palma	612-991-7733	marksworkshop@gmail.com	finishing & color	Lanesboro



MWA Demonstrations Since July 2017

<u>Newsletter</u>	<u>Demo</u>	<u>Demonstrator</u>
July 2017	Hollowing for Embellishment	Gary Mrozek
Aug 2017	Turning & Decorating a Platter	Jeff Luedloff
Sep 2017	Bowl Coring	Neil Robinette
Oct 2017	Traditional Platter, Viking Bowl	Glenn Lucas
Oct 2017	Natural Edge Bowl	Bob Meyer
Nov 2017	From Tree to Bowl	Dan Larson
Dec 2017	Turning Ornaments	Jim Jacobs
Jan 2018	Making a Pendant	Alan & Lauren Zenreich
Feb 2018	Spindle Turning/Milk Paint	Linda Ferber
Mar 2018	Chain Saw Safety & Techniques	Steve Hagen
Apr 2018	Lidded Boxes	Steve McLoon
May 2018	Hollow Forms & Platters Platters & Bowls	Trent Bosch
June 2018	Travel Mug	Mike Mahoney
July 2018	Log Preparation & Sawmill	Greg Just
Aug 2018	Squarish Platter	John Enstrom
Sep 2018	Pens	Mike Hunter
Oct 2018	Safe & Comfortable Turning	Ed Mielech & Rick Auge
Nov 2018	Finishing	Eric Lofstrom
Dec 2018	Finials	Mark Palma
	Lefse Sticks	Steve McLoon
	A Shop	Jim Jacobs
	Handles	Todd Williams
Jan 2019	Scandinavian Inspired Bowls	Tim Heil
Feb 2019	Segmented Turning	Dan Larson
Mar 2019	Peppermills	Curt Theobald
Apr 2019	3-Legged Stool	Tom Sciple
May 2019	Baby Rattle with Captive Rings	Keith Gotschall
June 2019	Spheres & Embellishments	Gary Mrozek
July 2019	Wood-Mizer Portable Sawmill	Steve McLoon
Aug 2019	Finial Box	John Enstrom
Sep 2019	Spalting	Cindy Drozda
Oct 2019	Rings True to Life	Seri Robinson
Nov 2019	Be More Creative	Phil Holtan
Dec 2019	Holiday Ornament	Beth Ireland
Jan 2020	3-Pointed Vase/Box	Bob Meyer & Mike Hunter
Feb 2020	Long-stem Natural Edge Vessel	Tom Sciple
Mar 2020	Hollow Form	Rudy Lopez
May 2020	Shop/Multiple Topics	Lyle Jamieson
		Mike Mahoney

<u>Newsletter</u>	<u>Demo</u>	<u>Demonstrator</u>
Mini # 11	Bowl Turning. Part 1	Dan Larson
Mini # 12	Bowl Turning. Part 2	Dan Larson
Mini # 13	Christmas Bell Ornament	Robin Costelle
Mini # 13	Irish (Glenn Lucas) Platter	Dick Hicks
Mini #15	Log Processing Center	Lee Tourtelotte/Dan Larson
Mini #16	Coring	Dan Larson/Dan Ernst
Mini #17	Wing Bowl	Dan Ernst
Mini #18	Finials	Dick Hicks
Mini #19	Natural Edge Bowl	Bob Meyer
Mini #20	End Grain Platter	Dan Larson
Mini #21	Michael Mode Style Bowl	Lee Tourtelotte
Mini #22	Super Simple Segmenting	Jim Jacobs
Mini #23	Turning & Painting a Mushroom	Linda Ferber/Rosanne Gold
Mini #25	Stamping & embossing	Joan Sauvageau
Mini #27	Pepper Mills	Steve Miller
Mini #28	Marking Turnings	Linda Ferber
Mini #29	Texturing, embossing	Mike Peace
Mini #31	Xmas Ornament	Hunter/Meyer
Mini #32	Calabash Bowl	Emiliano Achaval
Mini #34	Bowl Basics, Twice Turned	Sam Angelo
Mini #35	Shop design, arrangement	Mark Palma
Mini #36	Skew Fundamentals	Jim Jacobs
Mini #38	Lidded, beaded bowl	Glenn Lucas
Mini #39	Christmas ornaments, gifts	Dan Larson, Dick Hicks
Mini #40	Richard Raffan style box	Mike Hunter
Mini #43	Walnut; Quarter-sawn platter	Mike Mahoney
Mini #44	Embellishments	Linda Ferber
Mini #45	Heart-shaped NE bowl	Dan Ernst
Mini #47	Finishing	Eric Lofstrom
Mini #51	Flame Texturing	Art Lietsman
Mini #53	Bowls & Platters from Boards	Charlie Prokop
Mini #53	Carbide Tipped Tools	Mark Palma
April-1 2021	Sharpening	Kirk DeHeer
April-2 2021	Compound Miter Segmenting	Jim Jacobs
May-1 2021	Miniatures	Marie Anderson
May-1 2021	Brushes	Linda Ferber/Rosanne Gold
May-2 2021	Rings	Lee Luebke
May-2 2021	Blue Jeans Bowl	Mark Palma



Editor's Notes

The SE Metro Sub Group had its first in-person meeting in 14 months. Only fully vaccinated people were invited. It was fun to see everyone and we're looking forward to our full monthly meetings to resume.

Everybody please get vaccinated so that there will be such a low occurrence of Covid-19 that we will be able to resume our meetings at the amazing venue of Houck Machine.

Make Something Cut & Put Back Together and submit a picture for the July Member Challenge. There's no judging, the prizes are given through a drawing of names.

Mike Rohrer
Editor
mdrprof@gmail.com





John Campbell's tee

