

**CHECK THE WEB SITE FOR MEETINGS, CHALLENGES,  
SHOW AND TELL, AND ANNOUNCEMENTS**

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# WOODCHIPS 2022



**Volume 28 Number 6**

**3189 Mercier Kansas City, Kansas 64111**

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## **RICK TUCKER DEMONSTRATED METAL SPINNING AT JUNE MEETING**



Rick has been a KC Woodturners club member for a number of years. He has been practicing spinning metal for a while and getting pretty good at it. Most of us have heard of metal spinning on a wood lathe but have never tried it or seen it performed. If you were not at the meeting or want to see the demo again, check our website.









## MINI-SYMPOSIUM 5/22/22

Kris Coyan, KCWT President, came up with the idea for a mini-symposium and was instrumental in making it happen. He arranged for the demonstrators: **Kevin Neelley**-segmenting software; **David Alexander**-bowl turning; **Mike Thomas**-lidded boxes; **Shaun McMahon**-turning tops, and he greeted attendees.

For the first event of this nature it was well attended and everyone who came seemed to visit every station and stuck around for quite awhile. A lot of questions were asked and answered.

Will this be an annual event?



SEE

DO

HAVE



# Definition of Woodturning

by Kay Liggett

In woodturning, you use a wood lathe with hand-held tools to cut a shape that is symmetrical around an axis. Like the potter's wheel, the wood lathe is a simple machine that lets you create a variety of forms limited only by your imagination.

When the wood grain runs parallel to the lathe bed, the turnings are called spindle turnings. These include tool handles, candlesticks, egg cups, knobs, lamps, rolling pins, cylindrical boxes, Christmas ornaments, knitting needles, needle cases, thimbles, pens, chessmen, spinning tops, legs, spindles, pegs, balusters, newel posts, baseball bats, and hollow forms such as burial urns. Bowls can also be turned spindle-wise.

Turnings made with the grain of the wood perpendicular to the lathe bed are known as face grain or sidegrain turnings. They include bowls, platters, and chair seats.

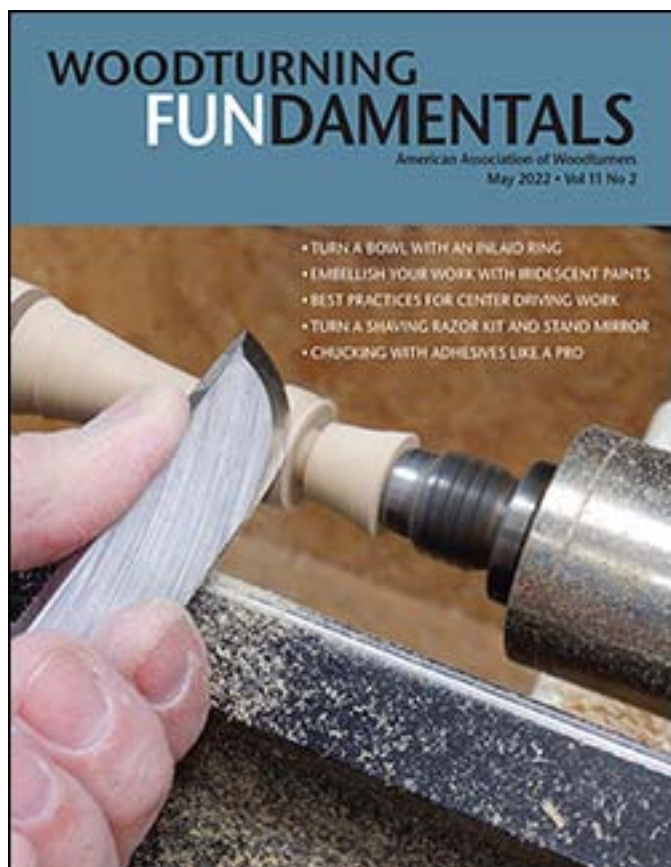
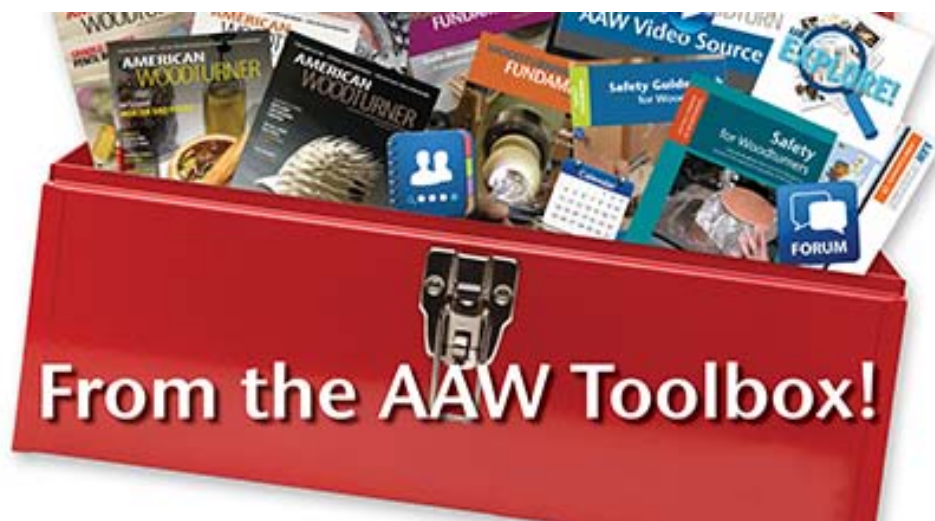
Automated industrial production has replaced many items traditionally made in turning shops. Today, small-scale turning shops and individual artisans produce limited quantities of functional spindle and faceplate turnings, as well as one-of-a-kind art pieces. In many parts of the world, lathes are small and portable, so turners can travel to the source of the wood or set up in a temporary work space. A skilled turner can produce a wide variety of objects with five or six simple tools. The tools can even be reshaped easily for the task at hand.

Today's turners find work making prototypes and molds, restoring furniture, continuing folk art traditions, and creating fine crafts for art galleries. In addition, turning appeals to people who like to work with their hands, find pleasure in problem-solving, or enjoy the tactile and visual qualities of wood.



KCWT received \$49.60 from Amazon this past quarter as a result of qualifying purchases made by customers who have selected us as their charity.

Thank you to all members who are participating in the process.



### **Projects**

Razor Kit  
Shaving Stand  
Stick Pens  
Inlay Ring

### **Tools**

Safer Spindle Driving

### **Techniques**

Introduction to Iridescent Paint

### **Pro Tips**

Chucking with Adhesives

### **Wood**

Have You Tried Holly?



# AAW Annual International Woodturning Symposium

Chattanooga, Tennessee  
June 23 - 26, 2022



**All the information regarding the symposium:** registration, hotels, schedule, demonstrators and panelists, Chattanooga, volunteer opportunities, youth hands-on, charitable activities, COVID-19, exhibitions and auctions, videos, trade show, exhibitors, and companion/spouse activities is available on the AAW website **woodturner.org**.



# SAFETY

Dust is yet another culprit when it comes to woodturner injuries that take place over time. Regular inhalation (especially when sanding) can lead to asthma development later in life. Read "Battling Dust" from the 2006 edition of *American Woodturner* to find out how to properly ventilate your shop.

What you can't see can harm you

## Battling Dust

**P**eter Feigen knows dust. For more than 20 years, he's spent his life across the country as a consulting engineer on dust collection, air filtration, and system design.

For the 100 employees at the E. & J. G. Shockey factory, he designed a transfer system with three ISO-filtration that suck wood dust from the plant and blow it into a towering 4-foot-diameter the "baghouse."

He watches over 10-plus systems. At a Hargley Brothers plant in Canton, Ga., Georgia, the system protects the lungs of 100 employees from sugar dust.

Yucky? Peter has designed systems for rock crushers, kilns, clays, and grain mills. And of course, plenty of wood dust.

In the mid-1970s, he started Charles Air, which has designed and serviced more than 100 systems.

In spreading factories, there are equal OSHA standards for dust levels, which could get out of compliance from poor dust collection and improperly maintained systems that blow dust from filters.

Of course there are EPA standards for the air emitted outdoors. And the explosion dust must meet National Fire Protection Association requirements.

"All the factors that apply to industries also apply to our home shops," Peter says. "Think about this: The EPA doesn't allow dust masks in factories—the dust collectors have to do all the work. That's the way it should be in your shop, too."

Peter can quote dust statistics until your head hurts and into the next EPA code. But his bottom line message is simple: "If you don't have good dust collection, you're not safe."

Peter is just as adamant about the importance of dust collection for the AIA. Because as he is about his consulting jobs. When he's home, Peter values his life.

Members of the Central New York Woodturners are fortunate to have him as an active member. Peter estimates that he's set up or upgraded dust systems for more than 50 members. And of course, he's always eager to talk about his favorite topic—dust.

### Micros and your lungs

If you're considering adding a dust collector to your shop and you already you could easily get lost in a sea of technical jargon. You'll find more explanations in the sidebar "Dust Reminders."

Most of the advertising material speaks about the ability to gather dust where particle size is measured in micrometers or microns.

Here's what you need to know about microns:

- There are 25,000 microns in an inch. The period at the end of this sentence is about 100 microns in diameter.
- It's the tiny particles which you breathe in that damage your lungs. The dust from 5 to 10 microns in diameter is the dusty stuff that is harmful to lung cells and causes respiratory problems—coughing, sore throats, sinus problems, emphysema, and bronchitis. That may explain why you develop a

*"I turned for four or five years and only occasionally wore a mask. Now, I have asthma from breathing wood dust. Bad situation—I pay for three days if I get even a puff of dust in the nose. I recommend wearing as much as you can when you work. Take good care of your lungs!"*

—David Thompson, 19 years experience in wood shop dust collection

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October 2006 \$4.95 Member \$3.95 Non-Member \$2.95

AMERICAN WOODTURNER



# ANTHONY HARRIS



## Small Hollowform Class

This will be a fun but intensive two-afternoon (8-hour total) class. KC Woodturners membership is not required. The class is designed as an introduction to hollow form turning. The class can also work for people who have tried some hollow forms but need some more instruction. We will work some on shape and detailing, but will spend most of our time on hollowing itself. We will make small ones because hollowing can use up a lot of time, and it is important that all aspects of hollowing be discussed and tried.

There will also be some time spent on sharpening, sanding, and finishing, but not as primary topics.

This class will be held on two afternoons: Saturday 6/25 and Sunday 6/26 from 12:30pm to 4:30pm in the KC Woodturners club facility, 3189 Mercier St., KCMO. Tuition is \$115 per student. Class is limited to 8 students. All wood and use of a wood lathe will be provided. Best to have your own tools, but some can be provided if you don't have any. No tuition refund after class start.

If you have questions, contact Kevin Neelley at [treas@kcwoodturners.org](mailto:treas@kcwoodturners.org) or Anthony Harris at [anthony@acmewoodturning.com](mailto:anthony@acmewoodturning.com)



# KCWT ANNUAL PICNIC

Shawnee Mission Park, June 18th, saw the Annual KCWT Picnic. Kevin always gets us the best shelter and even though it was pretty hot, there was a good breeze coming off the lake. The food was fantastic and plentiful. KCWT bought the meat and accoutrements and those who came brought everything else from poppers to apple pie to veggies to cake to salads. No one left hungry. But the best part was getting together and telling stories - some of them even had to do with woodturning.

