

Turning Southern Style XX - Sept. 19-21, 2014
Description of Submitted Demonstrations

Featured and Local Demonstrators

Nick Cook

#1 ALL TYPES OF HANDLES

Nick will demonstrate how to turn and decorate at least three types of handles:

- Brush handles,
- Tool handles &
- Pizza Cutter / Bottle Opener Kit handles

#2 THREE-LEGGED STOOL

Nick will take the mystery out of turning this popular project. Because a stool requires both faceplate and spindle work, this project offers many learning opportunities.

Michael Hosaluk

#1 FUN WITH SPINDLES

Michael will demonstrate a series of production items showing spindle techniques, design, and clean cutting to minimize sanding. The demo will include making a ball, ladle, spinning top, offset candlestick, goblet, and spatula with microwave-bent handle.

#2 SUPER THIN BOWLS

Michael will demonstrate the turning of a translucent bowl, with emphasis on his techniques for thin-turning wet wood, form and design. You will learn techniques which can be used by both beginning and advanced bowl turners.

#3 END-GRAIN TWISTY BOX & GOBLET

Michael will demonstrate turning a goblet and the making of his signature Twisty Box, showing his use of the bandsaw and reassembly to make this asymmetrical box. As with all of Michael's demos, focus is placed on form and design.

Todd Hoyer

#1 WOOD AND ITS CHARACTERISTICS

Slide presentation- Todd's presentation will focus on wood and its unique characteristics as related to the turned form. It will cover cell structures and their orientation in the log and how these structures relate to wood movement, shrinkage and cracking. He will discuss spalting, insect damage, staining, burls, curl, knots, weathering, etc., and the use of these features as decorative elements on the vessel forms.

Todd Hoyer (cont.)

#2 TURNING A WINGED FORM

Slide Presentation & Turning Demo- Todd will discuss images of the turning sequence for creating a winged form along with some examples. He will then demonstrate turning a winged form from a small crotch.

#3 VESSEL ORIENTATION

Using a slide presentation, Todd will focus on how to orient a vessel within a log and visualize its grain pattern. By understanding grain patterns within a log, the turner can predict the grain patterns that will appear in the finished piece. Open and closed forms will be discussed with a handout available to the audience members.

Ray Key

#1 BASIC BOX MAKING

Ray will demonstrate his preferred methods of turning a basic box and discuss possible variations. His demo will include proportion, timber selection, craftsmanship, tooling methods and finishing. He will also discuss a selection of lid fits ("over fit spigot", "in fit spigot", "plug 'pop' in") and the correct sharpening of his signature box making tools.

#2 PAGODA STYLE BOX

While turning one of his most famous designs, Ray will discuss design, proportion, timber selection, craftsmanship, tooling methods, the "over fit spigot" lid, finishing, etc. Ray makes these boxes with various numbers of separate pagoda roofs which fit on top of each other to complete the box.

#3 SQUARE TOP/CONE BOX

From his "Oriental" range Ray will demonstrate a Square Top/Cone box. Elements of this box design need to embrace the Golden Ratio to result in a successful conclusion. He will cover design, proportion, timber selection, craftsmanship, tooling methods and finishing.

James McClure

#1 ELEGANT NATURAL EDGE BOWL

James will demonstrate the techniques that he uses to turn a tall, thin-walled, natural edge bowl with statuesque proportions and careful selection of the natural edge. He will show how preparing the blank ultimately determines the look of the natural edge and grain balance of the finished piece. During the demonstration, he will show the primary cuts available with the bowl gouge, and he will explain what cuts to use and how to use them to achieve a smooth surface that requires minimal sanding and retains the bark edge.

#2 HAWAIIAN CALABASH

Bowls with consistently thin walls; bowls that are taller than they are wide and teardrop shaped; and bowls with completely rounded bottoms present a particular challenge to the turner. All of these elements come together in the Hawaiian Calabash. In this demonstration James will present strategies and techniques to overcome these challenges. His

James McClure (cont.)

hollowing strategies include working to final wall thickness from the top down while leaving extra wood below for support and to allow for a completely rounded bottom. He will demonstrate the primary cuts of the bowl gouge and explain how to use them to achieve a smooth surface that requires minimal sanding. He will also discuss his use of three different bowl gouge grinds for hollowing a bowl.

Frank Bowers

#1 POOR MAN'S HOLLOWFORM (WITHOUT DEEP HOLLOWING TOOLS)

Frank will demonstrate his simplified way of turning a two-part hollowform, using only a bowl gouge and spindle gouge. If you have ever wanted to make a hollowform, but lacked hollowing tools or the expertise to hollow a vessel, Frank will show how to do it using your existing gouges.

#2 TRI-CORNERED CUBE BOX WITH A LID

Learn how to turn a three-cornered box and lid from a 5" cube. Frank will cover setting up the work on the lathe and will show the various cuts needed to deal with different grain directions. He will also make and fit a lid to the turned box.

Vendor Demonstrators

Don Geiger

TUNING UP A GRINDER AND PRECISION TOOL SHARPENING

Sharpening tools on a poorly tuned grinder can be very frustrating and ineffective. Don will show four easy, inexpensive steps that will significantly reduce vibration resulting in improved performance of a grinder. Sharpening will be more enjoyable and the results will be better. He will also demonstrate and explain the sharpening a variety of woodturning tools.

Lyle Jamieson

BASICS OF HOLLOWFORM TURNING

Lyle will turn a thin walled goblet using his captured boring bar and laser measuring system. He will cover the entire hollowing process and show many of the tricks and techniques he recommends to new and more experienced users.

John Jordan

HOLLOW TURNING WITH JOHN

John will demonstrate turning a hollow vessel start to finish from green wood, using the hollowing tools he makes. He will show his simple, step by step techniques that are easy to understand and easy to learn.

John Lucas

TURNING A PENDANT AND BOX USING MIKE HUNTER TOOLS

John Lucas will be turning a pendant and a box using the Mike Hunter tools and carbide cutters. He will show how they are used and what their advantages are for shaping and hollowing. John will demonstrate several different techniques and styles of cutting using the various tools.

Tom Steyer

SPECIALIZED TURNING TOOLS

Tom will be demonstrating several tools in the JT Turning Tools line. The complete Gizmo Hollowing Tool System with Gizmo, LaserTrak, Trans-Former Tool and the SmartSteady rest system for hollow form turning will be shown in depth. He will also discuss the Versa work holding system; screw chuck, and large vacuum chuck, Offset Tool Rest and multi-pin drive for odd shaped blanks.

Doug Thompson

BASICS OF TOOL SHARPENING

Doug will provide the background on how he chooses his tool designs, the qualities of his powdered steel, and take you through the rigorous machining, tempering and cryogenic processes required to achieve the final tool. He will then address the hows and whys of sharpening a modern tool, and provide tips and tricks to make using your tools more enjoyable.

Arnold Ward

JEWELRY AND MORE - UNDERSTANDING AND USING THE JOYNER JIG

A step-by-step guide that will show how to get completed pendants, earrings and more using the Joyner Off-Center Jig. Arnold will take the mystery out of using this tool and help you start producing all the projects you had in mind when you first saw it. This jig allows easy set-up for your one-of-a-kind projects or production work. This demo will lay the ground work that will allow you to move forward and put your ideas to work.

Vince Welch

SAND FOR SUCCESS

A well-turned project is only as good as it has been sanded. Join Vince as he discusses raising your sanding success and lowering your sanding frustration! Topics of discussion include the use of different sanding power tools, proper use of back up pads and inner-face pads, understanding the fundamental differences in sanding discs. Proper use of sanding speed and sanding pressure are critical for sanding success as well as understanding ways to prepare/condition the wood for sanding. Vince will discuss two options regarding sanding grit progression and the differences between them.