

SOUTHERN STATES X WOODTURNING SYMPOSIUM

APRIL 23, 24, & 25, 2010

Demonstration Descriptions

DIXIE BIGGS

Simple surface embellishments

This demonstration will show some easy ways to enhance your work with the use of dyes, grain fillers or the simple use of dots, dots, and more dots.

Bringing life to your work

During this demonstration, I will share with you my relief-carving techniques using rotary power carvers. You'll see the steps I use to create my 'leaf-wrapped' vessels.

Using woodburning and color for added detail

Expand your choices for surface enhancements. During this demonstration, I'll show you how the woodburner can be used like a hot knife in relief work. Also, by incorporating color, you can add new dimensions to your pieces.

GEORGE HATFIELD

Tool Design and Sharpening

This demonstration will cover tool design for detail turning with an explanation of how and why they work. Tool sharpening will also be discussed.

Designing between center work

Discussion of designing between center work (spindle turning) with illustration of examples. Explanation of these examples and how they apply to the hat stand (already designed). Drawings will be made of the hat stand to make pencil gauges to reproduce turnings.

Hat stand

Demonstration will include reverse end boring of sections of the center post. Then lathe turning of the seven components of the center post off the bored holes. Continuation of the hat stand, using previously made pencil gauges to turn (duplicate) the legs and pegs.

Cabriole leg

Demonstration of how to design cabriole legs, find the off-center center for a face and corner leg and then turn several legs. Demonstration will also include how the foot can be easily modified to a different design.

Hands-on

This demonstration will invite attendees the opportunity to use my tools on detail spindle and faceplate work under my supervision.

MIKE MAHONEY

Making Family Heirlooms

This demonstration will start by turning a finished platter. There will be an extensive discussion on timber selection, roughing and drying, design, sanding and finishing, to make your pieces last through generations.

Turning Hollow Forms

This demonstration will show you my approach on making classic hollow forms. I will use scraping tools to remove the interiors of the form (Stewart and Kelton hollowers). There will be a discussion on design, drying, sanding and finishing and hopefully I will complete a gallery quality form in this demonstration.

Coring with the McNaughton Center Saver

This first part of this demonstration will be explaining how the McNaughton tool works by coring a 14"x 5" green blank. The second part of this demonstration will be coring a natural edge burl and trying to get as many bowl out of it as I can.

Cutting Very Thin Bowls

This demonstration will show my method of cutting a micro thin bowl to create organic shapes that are pleasing to the eye.

MICHAEL MOCHO

On-Lathe Textural Techniques #1: Chatter, Embossing, Fluting

Come learn how to use both commercial and shop-made tools to easily add a variety of interesting patterns, textures, and "low tech" ornamental detail to your work. Demonstration will include the application of chatter work, indexed embossing, reeding, and a few other techniques. Detailed descriptions of the variables effecting use of each tool will be demonstrated.

Making Connections

Come learn quick, simple, and effective techniques for making perfectly accurate connections between parts- such as lids, finials, inlaid plugs and rings, for boxes and other forms comprised of turned components. Simple strategies for integrating moving parts into your work will also be demonstrated.

Sculptural Techniques for Small Turnings

Discover the creative possibilities of innovative free-hand abrasive shaping techniques- both on and off the lathe- by using particular cross section turnings as a starting point. Expand the capabilities of your lathe with simple shop made accessories that can be used for abrasive carving. Strategies for modifying turned forms will change the way you look at your work and will inspire new explorations.

Hand-chased threads w/o expensive woods

Many turners believe that the only way to cut clean threads on wood boxes is to use expensive materials like boxwood, blackwood, rosewood, or ebony; or to buy an expensive threading attachment for your lathe. IT ISN'T TRUE! This demonstration will show the simple

techniques and provide a detailed description of all the contributing factors for quickly cutting crisp threads in common woods like maple and walnut with a properly sharpened chaser.

Small Boxes - Big Details

See the application of strategies for turning a variety of box forms using many of the detail and textural techniques from Michael's other demonstrations- including chatterwork, spiraling, embossing, threaded lids, drilled and polished interiors, abrasive shaping strategies, and design considerations.

On-Lathe Textural Techniques # 2: Spiral Work

This demonstration will show the application of the versatile- and often tricky- Sorby spiral and texturing tool. Detailed descriptions of the variables effecting use of each tool will be demonstrated. Come learn how to use this tool to easily add a variety of interesting patterns, textures, and "low tech" ornamental detail to your work.

NICK COOK

Turning a Table Lamp

This demonstration will be about designing and turning a traditional table lamp. Learn how to drill and assemble two parts - using a round mortise and tenon for a functional lamp.

KIRK DEHEER

Turning Boxes with Hand Chased Threads

This demonstration will discuss the difference between hand thread chasing tools - manufacturers and pitch. Woods that are suitable for thread chasing and how to use epoxy inlays for thread chasing. Also discussed will be how to get the lid to fit and the grain to match. This demonstration will give the participants an understanding of tools available to them. Also how to sharpen and use them.

Sharpening Demystified

This demonstration will discuss the pros and cons of sharpening systems, and tool grind design to get the best edge for your turning. We will also sharpen the standard tools used by turners. This demonstration will give the participants the knowledge to select a sharpening system that fits their needs and how to use it.

CHARLES FARRAR

Hammered Wood Surface Techniques

In this demonstration we will discuss texturing effects that can be made to a turned piece and show the process of manipulating the surface to obtain a visual effect similar to that of worked metal.

Scalloped Edge Bowls

In this demonstration I will show how open face bowls become scalloped edged bowls through a process of aggressive surface manipulation creating random folds as might occur in nature.

LYLE JAMIESON

Fundamentals of Hollow Form Turning

Demonstration using the hollow form format. Also concentration on tool control, chucking issues, support problems, minimizing the use of steady rests, hollowing in stages, and laser measuring techniques. Techniques for both outside and inside of hollow form turning will be discussed.

Advanced Techniques for Hollow Form Turning

This demonstration will continue with the hollow form format, concentrating on entering small mouth openings, getting uniform thin wall thickness with laser measuring, design elements that effect hollowing, and vibration issues. Session will also discuss trouble shooting problems, and removing obstacles.

JOHN JORDAN

Hollow Vessels

This demonstration will be turning a hollow vessel using green wood as a material. Choosing the wood, orienting the blank, and simple methods of producing elegant, refined work will be demonstrated. Use of the side ground gouge, shear scraper, and my simple hollow turning tools and techniques will be shown.

RUDOLPH LOPEZ

Winged Bowl

This demonstration will be a natural edge wing bowl from a green log or crotch section. Discussions of limb orientation, turning thin allowing the wood to move, using negative rake scrapers and sanding wet wood on and off of the lathe.

End Grain Vase

This demonstration will be a natural edge end grain vase from a green log using a bowl gouge and the Rolly Munro Hollower. Discussions of cutting end grain using the bowl gouge versus the Rolly Munro tool, using negative rake scrapers or shear scraping, reverse jamb chucking to hollow the foot, and sanding wet wood on and off of the lathe.