

The landmark 1st Segmenting Symposium in November 2008 was a resounding success. From that humble beginning of approximately 100 attendees, segmentedwoodturners.org was born. As an online chapter of the American Association of Woodturners with more than 500 members worldwide, the chapter has become the driving force in segmented woodturning.

Now is your opportunity to be a part of another great event dedicated primarily to segmenting, set among the splendor of the Boston area. Join us for three days for all that's segmenting ...

**Registration**  
Dec 1, 2015  
**Late registration**  
Sep 1, 2016

# 5th segmenting symposium

October 27-30, 2016



## who should attend

From novice to accomplished, everyone interested in segmenting is welcome and will benefit.

## demonstrators

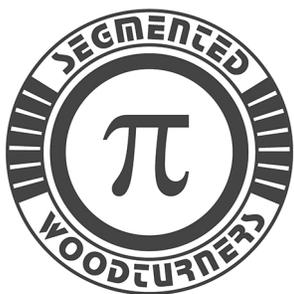
John Beaver, Bob Benke, Jerry Bennett, Bruce Berger, Andy Chen, Robin Costelle, Ray Feltz, Tom Lohman, Mike McMillan, Wayne Miller, Al Miotke, Jim Rodgers, Malcolm Tibbetts, Gary Wood

## location

Boston Marriott Quincy  
1000 Marriott Drive  
Quincy, Massachusetts  
617-774-2003

### HOTEL RESERVATIONS

800-228-9290 or  
[segmentedwoodturners.org/hotel](http://segmentedwoodturners.org/hotel)



**Boston 2016**

## event pricing

\$275 member

\$290 non-member  
(includes a 1-yr membership)

## rotations

wave bowl, glues, segmented sculpture, open aligned vessels, turning Corian, incorporating minerals, feature rings, open segment gluing station, patterns, eggs, texturing, transitional vessels, checkered hollow form, tools, tubes, tangles, more ...



## membership

Join this virtual AAW online chapter for inspiration, the forum, members' photo gallery, tips & tricks, instruction, critiques, and more.

[segmentedwoodturners.org](http://segmentedwoodturners.org)



## symposium registration

Visit [segmentedwoodturners.org/symposium.php](http://segmentedwoodturners.org/symposium.php).

Registration opens  
Dec 1, 2015

Late registration  
Sep. 1, 2016 - add \$50

# demonstrators and panelists

Each artist is accomplished in his own right and exhibits at a wide variety of prestigious galleries.

## john beaver

johnbeaver@verizon.net



Having lived my entire life near the Pacific Ocean, the motion and rhythm of the ocean's waves are a major inspiration for my work. Contrast also is an important element for me, both aesthetically and in the process of turning a functional object, like a bowl, into "objet d'art." Artistically, I like to combine multiple woods with dyes and textures to enhance the rhythmic lines that are a part of my work. The technical genesis of these works lies in my ability to deconstruct and reconstruct a turned vessel in a number of unique ways while maintaining grain and wall alignment. I hope that my pieces will evoke a feeling of movement and energy in an otherwise static environment.

### Wave Bowls

How John makes his signature "wave" bowls and vessels, including the basic concept for making the wave. He will demonstrate the jig he has designed.

### Flying Rib Vases

John will show the process for creating elements that protrude from a piece. His Flying Rib vases start with a rough-turned end-grain vase



and are deconstructed and then reconstructed with the protruding elements added.

### Dot Bangles

John's techniques for making dot bangles and basic techniques for mounting and turning basic bangles. While the technique for making the dots is fairly simple, getting the alignment is critical. John will offer different ways to approach balancing and centering the dots and will provide basic information about how to turn and mount segmented and solid bangles.

### Evolution of Design

John will take you through a journey of his work and show how his designs progressed, changed, and how one design led to another. He will offer ideas on how you can take the designs you have and expand on them, taking them to another level. This will be a presentation and conversation. You are encouraged to bring photos or pieces of your work to add to the conversation.



## bob behnke

bobbehnke@franklininternational.com

Bob is Franklin International's Technical Service Manager for the Construction Division, handling all technical aspects of the Titebond Branded product



line of wood glues, construction adhesives, wood flooring adhesives, and sealants. At Franklin, Bob manages a group tasked with handling all calls to the company's 800 number, along with technicians tasked with testing of competitive products and new substrates. Bob has worked for more than 30 years in the adhesives and sealants industry with experience in the development of emulsion polymers, scale up from bench to production of a range of adhesive technologies, and development of breathable technology for organic and inorganic fabrics.

### Glue Technology

Bob's presentation will review the 5 steps for successful wood gluing, from dry assembly to waiting for the glue to dry. Wood glues can affect the wood as it is being assembled. Being prepared in advance will eliminate costly joint failures and frustrating disassembly. Discussion will focus on the steps needed to use wood glues with ease, what to watch out for when the glue hits the wood, and why failures occur. We will cover some frequently asked questions and why there are so many different wood glues. Bring your gluing questions because this is a discussion, not just a presentation.

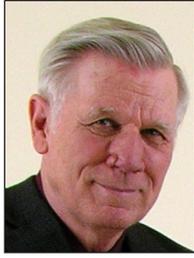
## raffle

Raffle tickets for several outstanding items will be sold Thursday, Friday, and Saturday, with the drawing during the Saturday dinner.

## jerry bennett

jb1@jrbennettart.com

Heavily influenced by glass artists Randy Strong and Lino Tagliapietra, Jerry brings a fluidity to wood that is possible only by segmenting and subsequent turning on the lathe.



Jerry's work has been shown at the Sculptural Objects and Functional Art (SOFA) show in Chicago, the prestigious Los Angeles Fine Art Show, the Ohio Craft Museum, and the Woodturning Center and has been featured in Wood Art Today 2 by Schiffer publications and American Woodturner, the AAW journal. His work may be found in many private collections. He will be sharing methods and procedures for making his unique sculptures in four sessions.

### Segmented Sculpture

Anyone can do segmented sculpture. If you can scribble, why not scribble in wood? Jerry will review the process he uses to make his whimsical sculptures. This slideshow presentation will include making a steel armature, turning and shaping the segmented layers, and designing terrific bases for your work.

### Open-Aligned Vessels

Many of you have turned open segmented vessels. Have you considered aligning the segments instead of staggering them? Using slides, Jerry will show how to make the most interesting open-segmented vessels. He will review the design, cutting segments, turning carving, and assembly and will take the process further by introducing a wavy ribbon-like shape and perhaps a little twist.

### Segmentology

For beginners and the curious, Jerry introduces a new way to fabricate and place segments. The "wedgie" sled is his secret weapon for making perfect segments every time. He will show how you can make the accurate segments every time, too. This method is great for the

beginner and takes only about 30 minutes to make. The same method can be used to make slanted and zig-zag segments. Jerry also will present a new method of assembling segmented vessels that does not require making half rings or expensive tools such as a drum sander. This is the best method for those of us who have limited budgets and do not wish to compromise on the quality of our work.



## swap

Attendees are invited to bring a single segmented piece, less than 6" in diameter, to exchange with another attendee. Size is limited to minimize impact on luggage. When the piece is registered in the Instant Gallery, the attendee will receive a Swap ticket, and items will be displayed on the Swap table. During the Saturday Night dinner, pairs of tickets will be called and the turnings exchanged. It's a fun way to meet other attendees and add to your personal collection.



## vendor area

Attendees can see the most recent segmenting-related products by our members in the vendor area. Products include hardware, software, instructional videos, and books. It's a great opportunity to interact with the members who create the products supporting the segmented woodturning special interest group. The forum website will be demonstrated with a Q&A session.

## bruce berger

bru.jaq1@gmail.com

Born in Chicago IL, Bruce was raised and schooled in Southern California. His love of working with his hands led to a 40-year career detour in the field of dentistry. In 2005,



retirement afforded him the time and opportunity to return to his love of woodworking. The exacting skills and flawless proficiency he mastered in dentistry have been transferred to his woodturning art. His interests in woodturning are wide and varied, but his most recent work is in segmenting, specifically tangential arrangements.

### Tangential Twists

Discuss the theory of tangential vs. radial array of segments. How to cut segments on the bandsaw with instructions for sled construction. Fabrication of a jig for gluing and instructions for epoxy gluing and clamping.



## andy chen

acc1@andyscustomcraft.com

Andy, from College Station TX, began turning in 1992, with a specialty in segmenting. He began building furniture entirely with tight-fitting joinery (without



nails and screws), which gave him the knowledge of cutting wood accurately – key to segmenting. Andy also likes to explore alternative turning materials, his favorite being Corian.

### Turning Corian

Corian is usually available in 1/2" thick stock and has to be glued together for a turning blank. It is non-porous and is much harder than wood, requiring somewhat different approaches from wood. We will discuss sources and properties of Corian and other solid surface materials; working characteristics and methods of cutting, sanding, and gluing Corian; and finishing techniques.

### Incorporating Minerals

Adding semiprecious stone to segmented turning can create very attractive features. But, unlike wood that moves with ambient humidity, minerals are stable. This can cause separation between these dissimilar materials. Andy will discuss the techniques for incorporating minerals into your turnings and avoiding differential movements.



## getting there

Boston Logan Airport is 10 miles from the hotel, served by all major airlines. Providence airport is 50 miles away and often has better fares but likely will require a rental car.

Please arrive by Thursday afternoon ... and for your departure plans, the symposium ends at 1 p.m., Sunday.

### ground transportation

Logan Express is located at all Logan terminals. Note that it has 4 destinations served by different lines. You must take the "Braintree" bus. The hotel shuttle will pick you up at the bus station. \$22 round trip.



## robin costelle

cronthefarm@bellsouth.net

Robin has been a hobby woodturner since 2003, running the gamut from pens and bowls to large complex segmented vessels and beautiful hollow forms. He also has



dabbled in pottery and musical instrument making and furniture. Robin lives on a small farm outside Fern Creek KY with his wife and three children and is a member of the Louisville Area Woodturners. He has been teaching and demonstrating for several years in and around his home state.

### Segmented Feature Rings

Learn how I design and create some easy feature ring segments. With a little imagination, you can take these simple steps further to create your own special patterns. I will show how I come up with sizes necessary for a feature ring and thoughts about color schemes and complementary design placement in a vessel.

### Thoughts on Segmented Vessels

I'll review different aspects of my thought process for creating vessels using the standard stacked ring method of segmented vessels, most importantly form, but I'll review woods, patterns, different construction topics, and elements I think are important to a well-conceived vessel. I will also review an easy way to get a high gloss lacquer finish on a woodturning.



## Add-On's

This will feature some easy ideas to make your vessels stand out – easy colorful inlay, elegant finials and lids, dying and high gloss finishes, domed bases, and more.

### A Little Turning

I will show my process for turning a couple of easy Christmas ornaments without using any math. If time permits, we'll review some other aspects of segmented vessel and bowl design.

## who should attend

"I'm interested in segmenting, but I don't know where to start."

"If only I could figure out those darned angles."

"Please help me set the saw correctly."

"How can I lay out a design in advance?"

"I've been segmenting for a while, but how did he do THAT!?"

Any of these sound familiar to you? Then you should attend the 5th Segmenting Symposium.

There will be something for everybody, no matter your level of expertise.



## ray feltz

ray\_feltz@randrwoodentreasures.com

I always wanted to be an artist.

My father was a tool maker, and I guess that's where I developed my fascination with the creative process.

There was beauty in the way a piece of material could be made into something useful. In my youth, I apprenticed as a blacksmith but never really enjoyed working with the iron like I did when working with wood.



### Open Segment Gluing Station

Plans and parts list for my horizontal gluing station, tips on set up to bring things together at the start, how to realign the faceplate back on the station after sanding it smooth and to proper thickness for project.

### Determining Open Segment Patterns and the Stock to Build Them

A look at different patterns and how we prepare enough stock to build them. Dying stock for my current eggs and ornaments. A look at tricks for snow people.

### Turn an Egg

Turn an egg start to finish with hollowing, joining the two halves, and jam chucking to turn the final end.



## in the area

Spouses enjoy .... dedicated lounge for your use during the symposium. Gather, meet new people, and relax in your separate space.

### Saturday tour

Saturday Duck Boat tour of Boston, with time for lunch and shopping in Boston.

### areas of interest

The Boston area holds many possibilities for sightseeing ...

- USS Constitution
- Kennedy Library & Museum
- Boston Tea Party Museum
- Adams National Museum of the Presidents
  - Plimouth Plantation
  - Battleship Cove
- House of Seven Gables
- Sam Adams Brewery
- Newport Mansions



## tom lohman

tomlohman@earthlink.net

Tom has been cutting and gluing pieces of wood for more than two decades and has focused on segmented woodturning for the last several years.



He can think of nothing better than to create new boundary pushing ways to design. Tom's passion is segmented woodturning, and he thoroughly enjoys sharing what he has learned with others.

### Bowl from a Board - Beyond Basics

Tom will explore design options to create complex patterns using the Bowl from a Board technique. A short video for a selected bowl covers the complete process of design, construction, and finishing. A presentation will follow that details several boards that were created, along with the finished product.

### Design Techniques for Open Segmented Woodturning

This demo will cover design techniques that will allow you to go beyond simple patterns. Tom will present several jigs that can be constructed to aid in the project build process. We will view a short video that details the design, construction, and lathing process for a selected project. Tom will present tips about how to build a closed segmented project using an open segmented jig.



## mike mcmillan

mmcmillan@fullercraft.org

Michael, passionate about the state of crafts and their inclusion in galleries, personal collections, and the 21st century museum, joined the curatorial staff of the Fuller Craft Museum



in 2012. He has been profiled in the Crafts Report, is a regular contributor to several museum publications, and authored "Tangible Mirages" for the June 2015 issue of American Woodturner, the AAW journal.

### Panel Discussion -

### Creating Effective Designs

Join Michael and the others for this interesting panel discussion, pg 8.



wayne miller  
wayne33@pzturn.com

Wayne is a retired sales executive with a 35-year career as both a representative and a manager in the semiconductor industry. Since retiring, he has



dedicated his spare time to turning, almost entirely in segmenting. He prefers to use the natural color of wood rather than staining. When a needed color is not available, he uses alternative materials such as acrylic and pigmented epoxy.

### Segmenting Acrylic

Acrylic may be used as an alternate to wood, using techniques similar to what is normally used with wood. Acrylic has some characteristics that make modifications to standard methods necessary. Together we will explore the differences needed to successfully work with acrylic. Topics of discussion will include sources of material considering the economics of purchase, adhesive selection, cutting segments, ring construction, stacking, turning, and finishing.



al miotke  
abmiotke@comcast.net

Al spent most of his life doing flatwork until he discovered segmented woodturning in 2006, and a new passion quickly emerged. After



designing classical segmented designs for several years, Al began exploring the possibilities for incorporating carving, texturing, and coloring into his designs to add new organic elements.

### Embellishment for Segmented Designs

Learn how to effectively incorporate different types of embellishment techniques into a segmented design. Various texturing approaches will be reviewed, along with coloring using a variety of media, including acrylics, dyes, bleaching, metallic paints, and more. Design approaches so the embellishment does not clash with the segmenting will be discussed.



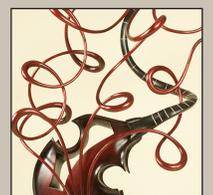
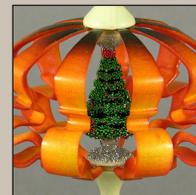
## saturday banquet

Registration includes the Saturday night banquet ... a served dinner, entertainment, swap exchange, raffle drawing, and awards. It's an opportunity to meet others who share interests in segmenting and enjoy a special evening.

For spouses and guests, the banquet is an additional charge of \$55 per person.



## spotlight on ... jerry bennett



## panel discussions

### Marketing Your Work

John Beaver  
Bruce Berger  
Malcolm Tibbetts

Are you considering offering your work for sale but have questions about how to be successful? This panel will discuss the possible channels to market, how to successfully get there, challenges you might face, and how to market yourself. Important business considerations such as registering your business, insurance, and packaging for shipment will be discussed. Bring all of your questions.

### Photography - Making your Artwork Stand Out

John Beaver  
Jerry Bennett  
Jim Rodgers

Most people see our new work through our photos. Do your photos make your work look as good as it can be? Three panel members will share their experience on topics, including camera selection and setup, backdrops, lighting, what to look for in a high quality photo, and editing software.

### Creating Effective Designs

Jerry Bennett  
Mike McMillan  
Malcolm Tibbetts

We all want to create designs that are interesting and attractive for our chosen audience, whether it's our family or gallery owners. What is considered a successful design depends on the observer, but this panel will explore the characteristics to be considered in designing and creating successful artwork.

**jim rodgers**  
jlrodgers@aol.com

Jim holds two teaching credentials in California, directs the Diablo Woodturning Center in Pleasant Hill CA, is an author of two woodturning books, has written many



articles about woodturning, and is past president of the Bay Area Woodturners Association and the Segmented Woodturners. His online classes in segmentation for craftsyt.com have more than 1,200 current students.

### Segmented Turning Basics

Jim will explain ring segment woodturning, discuss all the information needed to get started, and take you through all the steps in constructing your first vessel. He will share several alternative ways to accomplish each step in the process and how to correct errors and mistakes. This is an open discussion, so questions are encouraged.

### Toolmaking for the Woodturner and Segmenter

Jim will show how to modify existing tools for new tasks, easily make new tools with limited additional aids, and discuss the basics of working with tool steel to make your own specialized tools. He will present what you need to know about heat treating and annealing steels at home without difficulties.



### Turning Transitional Vessels

Transitional vessels are easy projects made from available scrap and turned into beautiful small vessels. Jim will harvest four feature rings from one glue-up, build and turn a vessel in the duration of this rotation. He will discuss use of faceplates, tools, and turning techniques while making this on-lathe project.



## instant gallery

Attendees are invited to bring up to four pieces of their own work for an Instant Gallery. From simple to complex, all skill levels are welcome ... your first piece or your most recent. The Instant Gallery will be open to the public for viewing. Selected pieces will be used for the Instant Gallery Critique Sunday morning. Recognition of the best bodies of work.



malcolm tibbetts  
malcolm@tahoeturner.com

Malcolm has become one of the premier segmenters worldwide. By stretching his imagination, he has created an amazing variety of designs and art pieces.



**Checkered Hollow Forms**

All the steps necessary to produce this style of turning will be discussed, and a small vessel will be assembled.

**Compound-Mitered Staves and Ribbons**

Malcolm will review the design process and cutting and gluing staves. Each step of the process of creating a ribbon will be covered.

**Tubes and Tangles**

Learn all the various methods of tapering full rings into sculptural forms.

**Out-of-the-Bowl Thinking**

This session will review many techniques and methods of work. Creating spheres from mitered polygons will be shown. Malcolm will do a live glue-up of 20 mitered triangles in one step.



gary wood  
garywoodshop@gmail.com

Gary has been a professional furniture maker, woodturner, and finisher for more than 40 years. His interest in traditional formulas and techniques has led him to



develop his own line of wood finishes. Gary demonstrates and teaches finishing workshops throughout New England and is a frequent contributor to the Journal of The Guild of NH Woodworkers.

**Finishing Techniques**

After spending many hours building a complex segmented design, applying the finish will determine its ultimate success. This session will review the important steps for applying a successful finish, whether your goal is a satin or high gloss look. A comparison of popular finishes will be discussed, how to prep the wood, eliminate finishing problems, and finishing the finish. Bring all your finishing questions.



location & lodging

Boston Marriott Quincy  
1000 Marriott Drive  
Quincy MA 02169  
617-774-2003  
reservations 800-228-9290

All functions, rotations, Instant Gallery, demonstrations, etc., are at the hotel.

**meals**

Hotel restaurants and special concession stands will be available for breakfast and lunch. Dinners can be enjoyed in the hotel dining room or at many local restaurants off-site by car or hotel shuttle.

**group rate**

\$139 + tax.  
[segmentedwoodturners.org/hotel](http://segmentedwoodturners.org/hotel)

Make reservations early - once our block of guaranteed rooms is sold out, room rates are not guaranteed and may be significantly higher.

**parking**

complimentary parking for symposium attendees at the hotel, even if you are not registered at the hotel

**camping**

camping available nearby – consult local RV parks

