



# Space Coast Woodturners

## **Newsletter of Space Coast Woodturners – March 8, 2023**

Submitted by Paul Jackson – Secretary .

Russ Bremmer opened the March meeting of the Space Coast Woodturners at 7 PM at Melbourne Makerspace. There were ~20 people at the meeting in person, including 2 guests. 7 members joined on-line via Zoom.

### **Old Business**

Honor Flights will resume in April. Gary Christenson advised that we have enough for the first 2 of 6 planned flights, but about 100 more will be needed. Slimline kits are available from the club for those who wish to contribute.

Paul Jackson confirmed that club members will receive a 10% discount for in-store purchases at Woodcraft in Orlando (Casselberry), just identify yourself as a member. The offer does not apply to all brands and is at the discretion of the store, similar to the terms at Rockler.

### **New Business**

Makerspace will be holding a Grand Open House on April 15 from 12:30 until 5:00. Russ would like the club to participate with demos of turning small items. A half-table has been requested to display and sell club member items.

Paul Jackson brought up a proposal to upgrade the club website to Club Express. It is in use by several AAW-affiliated clubs with positive reviews. Since this would be an additional expense to the club, Bob Cusumano made a motion for the officers to investigate and report back to the club. Bill Lutian seconded and the motion passed by voice vote.

### **Treasurer**

Sally Deabenderfer reported that the club had \$4,315 in the treasury. Dues have been collected from only ~16 members so far.



## Vice President

The demonstration schedule was presented by John Conway. Tonight Paul McDaniel will show how he makes rings from various materials. In April Russ will present bowl turning basics. In May Ron Browning will discuss tool usage basics. A few Interactive Remote Demos are planned for later in the year. The full schedule is on the website at:  
<http://spacecoastwoodturners.com/>

John is actively soliciting demo ideas from members.

There is no workshop this month or in April due to schedule conflicts. A Bowl Basics class is tentatively scheduled for May. Participants should bring their own turning tools including a bowl gouge.

## Show and Tell

|                    |  |
|--------------------|--|
| Bill Lutian        | Pen holder vessel with matching pen and pencil in walnut. (Bring Back) |
| John Conway        | Large Salad Bowl in cherry. Watco Butcher Block finish.                |
| Bob Cusumano       | Lidded Box from mango wood.  |
| Ric DeTorre        | Natural edge stemmed bowl from golden raintree wood.                   |
| Sally Deabenderfer | Pen with color techniques learned at FWS.                              |
| Terry Justice      | Ornament with a picture of a dog created with a sublimation process.   |
| Chris Urban        | Hollow form pen holder from cedar.                                     |



## **Demonstration – Paul McDaniel – Making Rings**

Paul began by showing some of the cores that the rings are based on. These are available in various widths and sizes and from a variety of materials including alloys, ceramic, and even copper if you want your finger to turn green. The material for the visible portion of the ring can be any turnable material such as wood, acrylic, or bowling balls. Paul showed a material called Diamond Cast which is fine diamond dust in acrylic for a nice sparkle effect. The material will be turned very thin, so it is essential to pay attention to grain orientation in wood to avoid tearout or weak crossgrain.

Paul began the demo with an oversize piece of wood mounted in a chuck. Alternatively, the piece can be mounted on a faceplate with double-sided tape. A Forstner bit smaller than the core is used to drill halfway through the blank. It is then reversed and the hole completed. This avoids blowout which is difficult to correct in such a small workpiece. Paul mounted a boring bar in the tailstock and used the adjusting screw to accurately machine a flat face on the blank. The boring bar was then set up to incrementally increase the size of the hole so the core is a snug fit. Alternatively, a side-cutting scraper can be used to carefully size the hole. The core is then epoxied into place.

The final turning is done by mounting the ring on an expanding ring mandrel. A layer of tape can be applied to prevent marring of the core by the expanding jaws. The mandrel is held in a collet chuck secured with a drawbar. Paul's drawbar did not fit the demo lathe, so he improvised with a rubber chucky on a rotating center in the tailstock to support the outer end of the mandrel. The material should be turned thin, approximately the same thickness as the core. A thick ring is uncomfortable to wear. Light cuts and sharp tools are essential.

Paul provided the following links for additional information and resources:

<https://www.woodturnerscatalog.com/t/58/Jewelry-and-Vanity?st=ring-kits>

<https://www.rockler.com/hardware/project-hardware/project-kits/ring-kits>

<https://www.rockler.com/learn/Woodturning-Rings>

[https://www.youtube.com/watch?v=9\\_RfmRiwwdI](https://www.youtube.com/watch?v=9_RfmRiwwdI)

<https://www.youtube.com/watch?v=IUJckBRUKrY>

<https://www.youtube.com/watch?v=6MTnC4lfDZ8>



### **Raffle**

|              |                                      |
|--------------|--------------------------------------|
| Earl Jones   | Block of Golden Raintree             |
| John Conway  | Block of Walnut                      |
| Ric DeTorre  | Bowl Blank                           |
| Ric DeTorre  | Sandpaper assortment                 |
| Greg Showman | Pen (Share the Wealth)               |
| Bob Cusumano | Pen, Pencil, Holder set (Bring Back) |

### **Auction**

At auction, Chris Urban won the bid for 2 pieces of mahogany, Bob Cusumano won 2 pieces of red oak and some sapele, Bill Lutian won an assortment of cherry and sapele. The club raised \$19.

# SPACE COAST WOODTURNERS

The Chapter's Purposes, in addition to supporting the general purposes of the AMERICAN ASSOCIATION of WOODTURNERS, Inc., are to:

1. Provide a meeting place for local woodturners
2. Share ideas and techniques regarding this craft
3. Trade woods
4. Exchange ideas about tools
5. Exhibit finished projects



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