

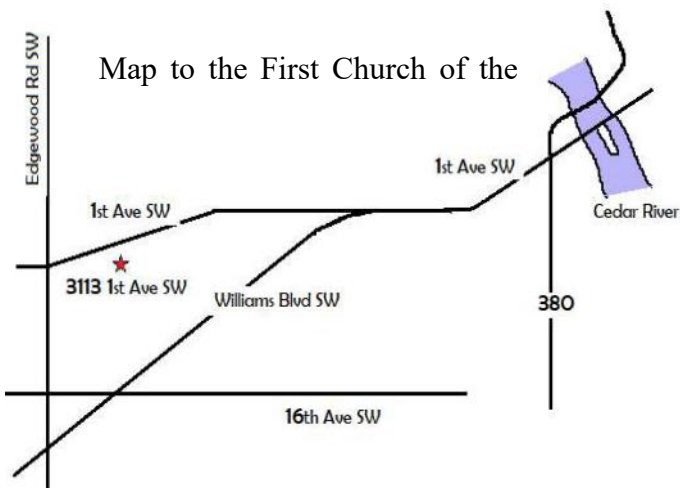
<http://www.corridorturners.org/>

Facebook - corridor woodturners od Cedar Rapids

### Next Meeting

The Next meeting of the Corridor Woodturners will be held at 6:30 PM on July 11th at the First Church of the Nazarene, 3113 1<sup>st</sup> Avenue, SW.

The project of the month is an object in miniature. Ray Hamilton will have the program on some shop tips and solutions that he has come up with to facilitate his turning.



### Upcoming Meetings

- July,11– Ray Hamilton-Shop Tips & Techniques
- First Church of the Nazarene 3113 1st Ave SW
- August 10, Picnic-Overlook pavilion at Ellis Park
- September 12, Point Tool– John Cox
- October 10, Inside out Turning-Gary Evarts
- November 14– Tea light Lanterns Tom Mills–
- December, -Christmas Party
- January 9, Bruce Kruse-Pyrography

### Last Meeting

Last month Tom Mills presented some insight on negative rake scrapers and their use. In addition to the technical information about negative rake scrapers it was made clear that they are primarily a finishing tool to be used with a light touch to clean up tool marks and smooth curves and transitions. Tom passed out handouts with the following information on Negative rake scrapers and to show the various angles that noted turners grind on their scrapers, and it varies all over the place as the chart on page 6 shows.

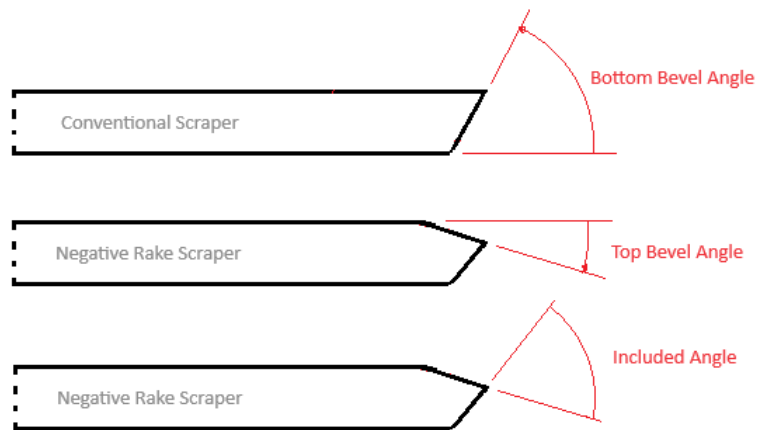
### Negative Rake Scrapers (NRS)

What are they?

#### How/Why does it work

Tool is presented flat to the tool rest, with the cutting edge on center

Negative rake compresses the wood fibers, it doesn't lift the fibers



Just tilting a conventional scraper downward doesn't act the same

NRS are used for smoothing, not fast stock removal

#### What's the advantage

Conventional scrapers can leave a rough surface finish

NRS are less aggressive, with lower risk of catches

Good at leveling out tool marks

Good at cleaning up torn grain



### President's Message July 2024

I hope your Independence Day was enjoyable, and that you're getting some quality time with your family, your sweet corn, and your workshop.

Our next meeting is July 11, at 6:30. Ray Hamilton will show us some of the shop aids that he's come up with. I'm sure that he'll give us all some ideas that will help our precision and productivity. Our meeting will be at the First Church of the Nazarene, 3113 1<sup>st</sup> Avenue, SW. The room we meet in is on the ground level; park in the back. A map is elsewhere in this newsletter.

*\*Important note\** First Avenue SW is blocked off for construction east of the church. You'll have to approach the church from the west (Edgewood Road). The project of the month for the July 11 meeting is a miniature. This can be any turned item half-scale or smaller. Bonus bragging rights for extra-small. We won't have a video system, so you'll have to check out the items in person. All POM entries get a ticket for a drawing for a gift certificate.

The annual club picnic is Saturday, August 10. As is tradition, we have a challenge project. This year, it's to incorporate non-wood material into your turning (not including finish). Let your imagination run free. All who bring a challenge project to the picnic will be entered into a drawing for a cash prize.

***In addition to the standard show and tell, we'll have a spouse's show and tell.*** Lunch is potluck, the club will provide iced tea and water. Final details on the picnic will be sent later.

My term of office as club president will end next March. Normally, our VP would step into the role, but we don't have a VP at this time. This is a critical plea for a person to take the helm. If you'd be willing to lead the club as our next president, come talk to me. Our club needs you to guide it into the future.

We're always looking for topics for the monthly demonstrations. If you'd like to do the demo, we're always looking for fresh faces.

Don't forget Don Coleman's shop tour, July 20, starting at 9:00 am. 455 N. Dubuque St, North Liberty, IA. (319) 471-7874

---Tom Mills

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Greg Ellyson-POM



Mike Gadberry-S&T



Ray Hamilton-S&T



Bruce Kruse-S&T

Name -Wood - Finish - Category  
Legend: AO=Antique Oil WOP=Wipe on Poly POM=Project of the month S&T=show and tell  
BLO= Boiled Linseed Oil SB= Salad Bowl finish FOG=Found on Ground



Don Rosendale-S&T



Tom Mills-S&T



Mike Gadberry- S&T

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Don Rosendale-S&T



Don Rosendale-S&T



Don Rosendale-S&T



Don Rosendale-S&T

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**CWT Board of Directors**

- Tom Mills, president
- TBD, vice-president
- Don Coleman, treasurer
- John Cox, secretary
- Bruce Kruse, director-at-large
- Bob Smiley, director-at-large
- Emily van der Hoeven, director-at-large
- Tom St. John, director-at-large
- Jerry Potter, director at large

*Continued from page 1*

### There's still a need for conventional grind scrapers

Conventional scraper can remove more wood quickly

Good at end grain hollowing such as a Square-tip box scraper

### Angles

Smaller included angle is more aggressive, but wears quicker

Centered or non-centered doesn't seem to matter

Source	Top Bevel	Bottom Bevel	Included Angle
Doc Green	17.5 °	17.5 °	35 °
Brendan Stemp	22 °	22 °	44 °
Cindy Drozda	25 °	25 °	50 °
Sam Angelo	30 °	30 °	60 °
Sam Angelo	25 °	40 °	65 °
Glenn Lucas	33 °	33 °	66 °
Scott's Mini	15 °	55 °	70 °
Robo Hippy	45 °	45 °	90 °
Mike Peace	25 °	70 °	95 °
Mike Waldt	30 °	70 °	100 °

### How to sharpen

Set the grinder platform using some sort of angle gauge

Measure angle from platform to where the tool touches the wheel

Don't need to regrind top bevel very often

### Burr

Most agree that the burr is what gives the NRS its magic powers

The burr straight from the grinder doesn't last long

Refresh burr when dull – hone off old burr, burnish a new one with burnishing rod

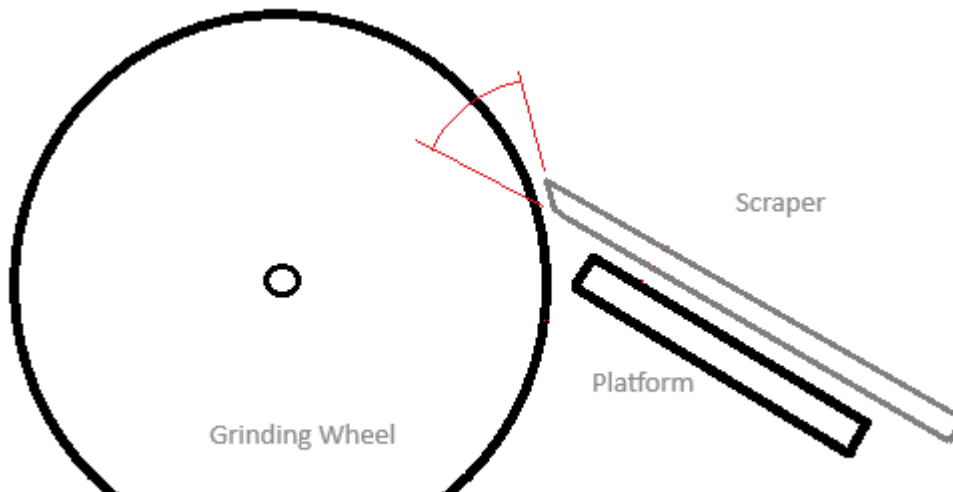
### Demonstration

Slower RPM usually works better

Use a very light touch; your goal is to get fine, wispy shavings

If you only get dust, regrind or turn a new burr

Use the entire edge to prolong burr life



## **For Sale**

Have something for sale? Let the club members know about it here. Get the info to John Cox to be added to the next newsletter

## **Dues Structure and Meeting Attendance Policy**

Club dues are:

\$25.00 per year for an General membership.

\$30.00 per year for a Family membership

\$100.00 per year for a Supporting membership.

Dues are for the calendar year January 1 thru December 31 with a grace period ending at the close of the February meeting. New membership cards will be distributed at the March meeting.

Dues paid in September and later by NEW members will be considered in force for the rest of that calendar year plus the following calendar year.

Potential members may attend two meetings as a guest then we ask to either join the club or pay 1/4 of the current general membership fee to attend a regular meeting.