



Cheam Woodturners Association

Associated with the Association of Woodturners of Great Britain

Twinned with Central Oklahoma Woodturners Association

Cheam Woodturner Association Newsletter Issue number 087

Dec 2021

Enter the Frank Clarke Competition at the December meeting

November Interactive Remote Demonstration with Glenn Lucas



Although Cheam Woodturners were probably the first club in the UK to experience an interactive remote demonstration, this medium has now been widely adopted by the woodturning fraternity. Cheam is now able to watch demonstrations from many woodturners who are unable to visit Cheam in person due to where they live and work. This is the case for Glenn Lucas who is based in Co. Carlow, Ireland.

Members may be aware of the work that Glenn does by seeing his posts on Instagram and other social media platforms. Over the past year his focus has been on the recently completed construction of his new studio and woodturning school and his demonstration started with a brief tour of the facility.

Glenn is noted for the salad bowls that he turns mostly in three sizes and four shapes. For the demonstration it was to be a beaded salad bowl. To make it more challenging the bowl rim was to be turned in.

Glenn gave too much information during his demonstration for it all to be captured in my notes. The text of the online chat has come to my aid. Text of the chat follows this report.

A quarter sawn spalted Irish beech blank 8" diameter by 3½" thick was being used to turn the bowl. The blank was inspected for any faults before being fixed to a faceplate using 'Spax' screws.

Glenn uses a faceplate in preference to a screw chuck

when using spalted timbers as he deems it safer to use the faceplate due to possible faults in the blank. Glenn mentioned that when he does production bowl turning he uses a spiked faceplate,

Glenn was also using a tool rest height setting collar to maintain the required height of the tool rest.

With the blank mounted and the rest set at 45° the corners of the blank were removed to reduce the weight of the blank. A 5/8" bowl gouge with a 60° grind was used.

Glenn recommends that the tools be very sharp and when cutting they are moved slowly. Once the bottom of the bowl was flat a 6mm spigot was formed and then the shaping of the outside of the bowl was started. Glenn cut from the centre to the outside of the bowl. The base was to be 1/3 of the bowl diameter and the turn in at the rim 1/3 of the bowl height. To refine the external shape a 1/2" gouge with a 45° bevel was used.

Once the desired shape of the bowl was achieved the forming of the beads commenced. Glenn advised that beading tools are not really suitable for working on spalted wood. To form the beads he used a 3/8" spindle gouge with a 45° bevel and the heel ground off. He uses a spindle gouge as it provides more control with a shorter handle. With the lathe spinning at 1200 rpm and with the tool rest slightly raised the beads were cut in one motion.

When mounting the bowl to remove the centre of the bowl Glenn aligns the blanks grain with the slots in the jaws to put equal pressure around the blank.

Glenn used a 5/8" gouge working towards the middle in sequence of steps to core out the bowl initially leaving a 3/4" wall thickness. More sequences of step take the gouge deeper into the bowl. As the gouge cuts deeper, to maintain the bevel rubbing the gouge handle is lowered when the tool touches the bowl's rim.

The bowl was to have a finished wall thickness of 3/8". To ensure even wall thickness Andre Martell small size Callipers were used. The finer cuts started from the rim. Initially to stop the possibility of a run off, a cut was made with a skew chisel. To complete the inside bottom of the bowl a gouge with a 60° bevel was used.

Glenn hand sanded the outside of the bowl but used a power sander on the inside.

To finish the bowl Glenn recommended either Walnut Oil or the Chestnut Food Safe Oil. He noted that bowls finished with walnut oil require less future maintenance.

To remove the spigot Glenn used a set of Vicmarc button jaws in expansion mode with the lathe running no more than 800rpm and cutting towards the centre.

Glenn explained in some detail how and what he uses for sanding and finishing which are best summarised in the chat..



Glenn holding the completed bowl

Glenn gave Cheam a very informative demonstration. It was also an opportunity for Glenn to inform our members about his signature tools and videos which can be viewed on line.

November Interactive Remote Demonstration with Glenn Lucas CHAT Dec 2021

TOOL - RED GL4. 5/8in Bowl Gouge. 55 degree

<https://glennlucaswoodturning.com/product/58-bowl-gouge-with-irish-grind>

TOOL - GREEN GL5 1/2 inch bar, 45degree

<https://glennlucaswoodturning.com/product/%C2%BDbowl-gouge-glenn-lucas-range/>

'Bionic' face shield

TOOL- Diamond point scraper HCT44GL sharpened to 77 degrees

<https://glennlucaswoodturning.com/product/%C2%BE-diamond-point-scraper/>

Manta Gauge

<https://glennlucaswoodturning.com/product/manta-gauge/>

2 techniques for beading

TOOL GREEN GL8. 3/8 spindle gouge. <https://glennlucaswoodturning.com/product/38-spindle-gouge-hs6/>. With round nose.

OR

'Ashley Iles' or 'D-way Tools' make beading tools

Spike plate :

<https://amesgrigg.com/spike-plate/spike-plate>

Bowl remounting plate - short free video is on YouTube https://www.youtube.com/watch?v=LUKPO_MNn-w

Tool rest height setting collar <https://www.glennlucaswoodturning.com/product/tool-rest-height-setting-collar/>

TOOL - BLUE GL6. 5/8 inch bar 60degree. bottom finishing bowl gouge

<https://glennlucaswoodturning.com/product/58-bottom-finishing-bowl-gouge/>

The colours of the tools - red, green, blue correspond to the sharpening instructions that Glenn issues with his tools that help turners with the correct instructions when sharpening on standard sharpening systems

Sharpening Charts for Oneway, Woodcut, Tormek and Sorby (for Sorby pre 2018 models)-

<https://www.glennlucaswoodturning.com/product/jig-sharpening-chart-for-bowl-turning-signature-tools/>

Andre Martell small size Callipers

Sandpaper in 1 metre lengths/rolls

<https://www.glennlucaswoodturning.com/product/velcro-backed-sandpaper-rolls/>

Sandpaper punch and board <https://www.glennlucaswoodturning.com/product/sandpaper-wad-punch/>

Pads <https://www.glennlucaswoodturning.com/product/sanding-pad/>

Outside medium density, inside Glenn uses soft density.

For Sanding outside of the bowl - Makita Drill DA3010F

Then Bosch drill for sanding inside bowl

Glenn has a video on power sanding (available on DVD or Download). <https://www.glennlucaswoodturning.com/product-category/guides/>

Chestnut food safe finish - 2 coats over 2 days (use a 400 grit sandpaper after day 1)

Taking off tenon, Glenn uses Airpress vacuum pump...or large Vicmarc jaws

Glenn's Video Streaming Movies (17 videos currently available) GlennFlix <https://www.glennlucaswoodturning.com/glenn-lucas-woodturning-collection/>

CWA: 2022 Subscription

Time is running out for members who want to renew their membership subscription at the discounted rate.

- The **2022** annual subscription for a **2021 member** renewing their membership **by the 31st December 2021: £35.00.**
- The **2022** annual subscription for a **2021 member** renewing their membership **after the 31st December 2021: £40.00.**



Three Contemporary Bud Vases by James Cassidy

Left: In Apple—Glass tube and Vallejo Airbrush Metallic Colours 'Space Dust'

Middle: In Apple—Glass tube fitted with switched LED in base. Chestnuts Melamine Lacquer

Right in Maple—Glass tube and coloured resin and Chestnuts Melamine Lacquer



Decorative Vessel by James Cassidy in Ash, Finish charred grain followed by Hampshire sheen intrinsic colours, gold embellishing and gloss wax.



Small Shallow Bowl by James Cassidy in Yew, Finished with Chestnuts melamine lacquer



Three thin walled bowls by Jamie Shears



Threaded box by Jamie Shears finished with Microcrystalline wax



T-Light Holder in Ash by Derek Dowle the top finished with Jo Sonja iridescent paint and vinyl lacquer



Plate by Trevor Etherington in Robinia finished with Danish Oil



Sculptural piece by Jamie Shears finished in microcrystalline wax



A nutcracker in Elm by Trevor Etherington finished in Danish oil



Tooth Fairy mushroom box by David Jones in Yew with lacquer finish

External Events

Dec 2021

Please let the editor know if you are participating in an event involving woodturning independently of Cheam Woodturners. You can advertise the event here.

The 2021 Frank Clarke Competition

Have you made your competition piece? Little time left! This year the theme is "Children's Toy or Musical Instrument".

Your entry **MUST** be one of the following items:

- Babies Rattle or fidget toy
- Plane, train or automobiles
- Any musical instrument including flute, whistle, drums, banjo, Maracas, or tambourine
- Puzzles
- Animal figures
- Yo-yo
- Spinning top

This year the items **DO NOT** include:

- Any ornamental pieces
- Bowls, dishes & platters
- Decorations
- Clocks
- Boxes
- Jewellery
- Pens

Your entry **MUST** be:

- One entry per person
- An item from the inclusive list above
- Made of wood
- Functional & usable
- Children safe, but can be decorated
- Categorised as one of the following levels
 - Beginner
 - Intermediate
 - Advanced

We would like to encourage all members to have a go and submit something, you have plenty of notice and if you do not have access to a lathe or need some timber, please contact the committee.

2021/22 Programme

Dec 15 th	- Christmas Party & the Frank Clarke competition
Jan 19 th	- 2022 AGM
Feb 16 th	- Les Thorne
Mar 16 th	- tba
Apr 20 th	- Richard Findley
May 18 th	- Gregory Moreton
Jun 15 th	- Terry, Chestnut Products
Jul 20 th	- Stewart Furini
Aug 17 th	- tba
Sep 21 st	- Phil Irons
Oct 19 th	- tba
Nov 16 th	- tba
Dec 14 th	- Christmas Party & the Frank Clarke competition

* Remote Video Demonstrations

**Deadline for the
Jan 22 issue of
the e-newsletter
is**

Dec 28th

**If you have any article or
information you would like
included in the e-news**