

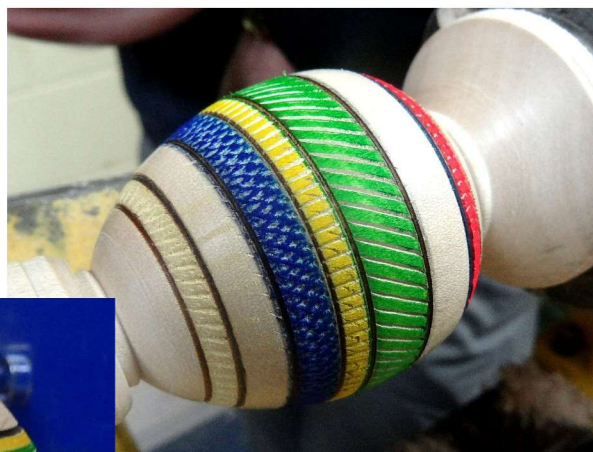


Splinters

The Newsletter of
Christchurch Woodturners
Association Inc



Easter Egg Workshop



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Upcoming Events

Woodturning at Auburn Reserve Workshop.

Every Thursday 1pm to 4pm and 7pm to 9pm

\$5 for either or both sessions

There is some wood at the workshop but bring your own if you can

There are tool sets available

19th Apr **Hands on** at Auburn Reserve Workshop 7pm to 9pm
We will be having a play with Rick's Sphere Turning Jig

25th Apr **Club Meeting** The HARVARD Community Lounge Corsair Drive Wigram
Wednesday at 7:00pm
Demonstration will be Noel working with Hollow Forms with an emphasis on hollowing tools
Yes ~ This is the evening of ANZAC day

27th Apr to 29th **Waiora Turn Inn** Otago Woodturners Guild
Held at Waiora Scout Camp, Silverstream Valley Road, Whare Flat, Taieri Plains, Dunedin. contact Leah Jelgersma ~ ph 03 453 1174 ~ otagowood@gmail.com

28th Apr **Pen Making Workshop** at Auburn Reserve Workshop
Saturday 10am to 4pm
Turn your own ballpoint pen. There will be Pen Kits and Pen Blanks available for purchase. Lathes will be setup with pen jaws and pen mandrels. There will be Celtic Knot and Resin Encapsulation demonstrations. See page 5

10th May **Pyrography Group** at Auburn Reserve Workshop
We didn't have anyone turn up at the March Session so we are going to suspend the group over winter and restart in October after winter weather and dark nights.

12th May **South Island Fun Day**
Waitaki Wood turners Clubrooms , Oamaru Race course
at the Northern end of Oamaru see Page 7

12th May **Class 11** is postponed till the fourth Saturday in April because of the South Island Funday

17th May **Hands On** at Auburn Park Workshop
Thursday 7:00pm
This will be a follow-up from Noel's Hollow Form Demonstration at the April meeting. It will be a good chance to have a play with a wide variety of hollowing tools.

23th May **Club Meeting** The HARVARD Community Lounge Corsair Drive Wigram
Wednesday at 7:00pm
Demonstration: Adriaan Slooten from Timaru turning wooden hats

26th May **Class 11** new class date for this month only. Class was postponed from 12th May because of Funday

Split Turning ~ By Peter Clemett ~ March Demonstration

Peter talked about furniture, using the split turning technique, and showed different pieces which were passed around, including wooden books made by Rex. Peter had a blank prepared by Rex to make two spines for wooden books, which he proceeded to down to a set width of the spine. The width was done at one end and then the whole length was turned parallel to that size and then lightly sanded. The end length was marked and a parting cut taken, before removing the holding screws at each end. Two small grooves on the spine were marked and cut with a skew chisel. Electrical tape was wrapped around the blank to prevent the glued pieces coming loose. The square bits at the end were turned down to enable a small hollowing tool to undercut the end of the spine, this was repeated at the other end. Peter then separated the two spines by lightly tapping an old bone handle knife along the join. A very interesting demo and well presented by Peter.

Rick (scribe)





1st= Robin Blowers



3rd Joe Hayes



1st= Rick Bolch

March Competition Table

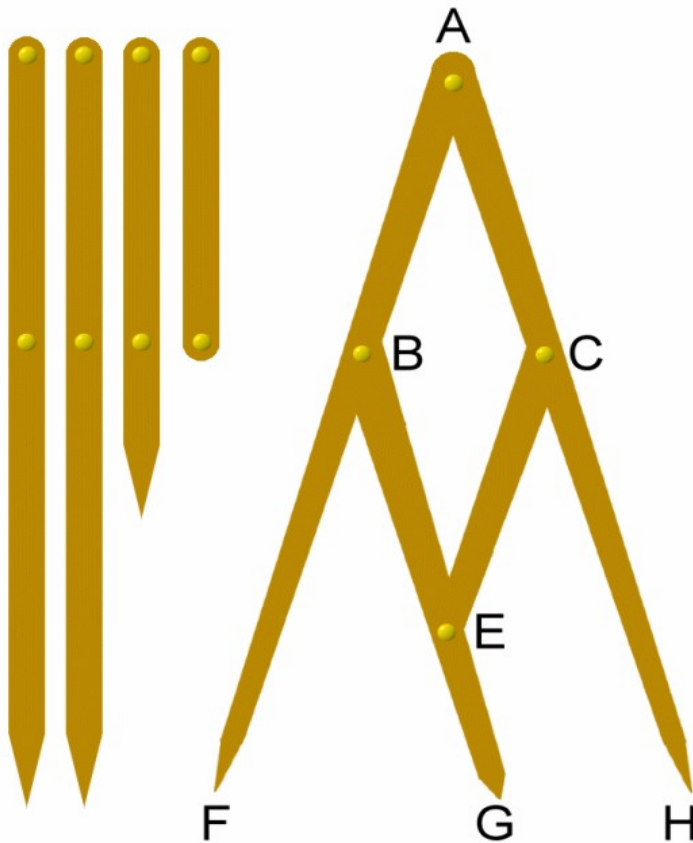
Pen Making Workshop

On Saturday 28th April we are going to be holding a Pen Workshop at our Auburn Reserve club workshop. It will run from 10am to 4pm. This is an opportunity to have a look at different pen types you can turn and different pen blanks you can use. There will be demonstrations and "hands on" sessions on creating Celtic knots and creating your own resin encapsulated pen blanks. There will be some free pen blanks you can use and also some commercial blanks you can buy ~ both wood and coloured acrylic blanks will be available. We will have lathes set up with pen jaws to drill Slimline, Sierra, Polaris and Bolt Action pen blanks and there will be mandrels and pen presses for making up these pens. We will be demonstrating a CA and Oil finish for pens and some other polishing techniques.



Golden Ratio Dividers

$$\begin{aligned} AF &= AH = 340\text{mm} \\ BG &= 210\text{mm} \\ AB &= AC = BE = CE = 130\text{mm} \\ EG &= 80\text{mm} \end{aligned}$$



Ancient Greek mathematicians first studied what we now call the golden ratio because of its frequent appearance in geometry. The division of a line into "extreme and mean ratio" (the golden section) is important in the geometry of regular pentagrams and pentagons. Euclid in his "Elements" provides the first known written definition of what is now called the golden ratio:

In mathematics the ratio is represented by the greek letter phi ϕ . It is approximately equal to 1.6180339887498948482

So looking at the plan of Golden Ratio dividers to the left:

$$FG/GH \approx 1.6180$$

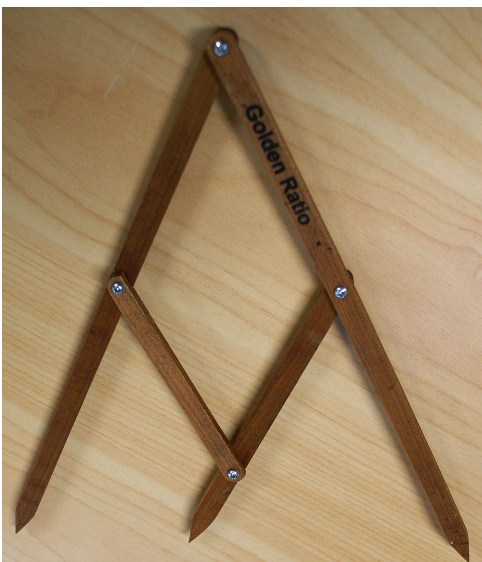
$$FH/FG \approx 1.6180$$

and

$$FG \approx 61.8\% \text{ of } FH$$

$$GH \approx 38.2\% \text{ of } FH$$

In woodturning we can use the golden ratio to determine the dimensions of a box (if the diameter of the box is GH the height of the whole box is FH, the height of the lid is GH and the height of the body is FG) the size of the base of a bowl (if the circumference of the bowl is FH the base of the bowl should be GH). You will see that we usually make the base about a third of the diameter of the rim. This 33% ratio is very close to the Golden Mean ratio of 38.2%.



To test your Golden Ratio dividers after you have made them, set the outside pointers (F & H) to 100mm. The middle pointer should divide the 100mm into two line segments of 61.8mm and 38.2mm

"The golden proportion is a scale of proportions which makes the bad difficult to produce and the good easy."

Albert Einstein

South Island Fun Day

The South Island Fun Day will be held this year on Saturday 12th of May at The Waitaki Woodturners Clubrooms which is at the Oamaru Race course at the Northern end of Oamaru .

In the morning two teams of three turners from each club will compete to make the best pair of bowls on square platters. The wood supplied for the bowl will be 100mm x 100mm x 90mm and there will be a hole drilled in one end for a screw chuck. The wood supplied for the square platter will be 140mm x 140mm x 25mm thick.



Each club will provide 10 pieces for a display table. The theme of the display table will be "Wedding Anniversary". The objects must have been produced since the last Funday. Only one object per person.



In the afternoon each club will supply a three person collaboration team The topic will be a surprise.

MORNING AND AFTERNOON TEA PROVIDED
BRING YOUR OWN LUNCH: TEA OR COFFEE AVAILABLE.

SOUP FOR A GOLD COIN DONATION.

ACCESSORIES FROM **W.R.OWEN WOODTURNING SUPPLIES**

Contact Noel or Rick if you are going. They are organizing Car Pooling. If you have an item that might be suitable for the Wedding Anniversary Display Table can you bring it along to the April Club Meeting (25th April)

Bill and Elsie from Owen Woodturning Supplies will have their shop set up with all the latest tools and accessories, kits and finishes. See their details on Page 8.

Craft Fair

1st Monday June Queen's Birthday
Redcliffs Mt Pleasant Bowling Club
9 James St. Redcliffs
10am. to 2pm.

\$ 25 per stall space (includes 1 chair)

we offer a warm environment with easy access

Amy Caddie 3843984 amydavid.caddie@gmail.com

to make a booking redcliffsbowls@xtra.co.nz

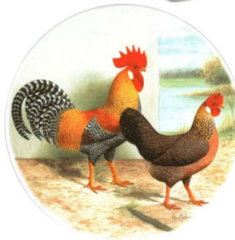
W.R. Owen Woodturning Supplies Ltd

owenturningsupplies@xtra.co.nz



Crown Tools
Rolly Munro Hollowers
Woodcut Tools
U Beaut Oils and Polishers

Woodfast Lathes
Sand Papers and Sanding Equipment
Clock and Weather Instruments Inserts and Parts
Pot Pourri Lids
NOVA Lathes
Pyrography Machines, Pens and Tips
Ceramic inserts for Cheese boards



Robert Sorby Tools and Sharpening System
Teknatool Products
Pen Kits and Pen Blanks
Power Carving Tools
Cheese knives and Icecream scoops
Wide range of Project parts



49 Severn Street, Oamaru 9400
Phone 03-434-6261

Our internet Banking Account Number is 031705 0048498 00

As you know, the annual "Fun Day " at Oamaru is on Saturday 12 May. I would like you to be a part of our turning team down there. If you cannot make it, perhaps you could help us with our ten items for the club show table, the theme this year being ' Wedding Anniversary ' We plan on going down and back in one day and will be car pooling, so please contact Noel 349 8976 or Rick 980 5156 and let us know.

Thank you Rick Bolch President

Remit to be voted on at the AGM
Proposed Change to Rule 14: Life Membership

The change proposed concerns the last sentence to rule 14. The proposed alteration is after the word "speak", delete "BUT NOT TO VOTE" and insert "and enjoy the full status as an ordinary member at Annual General Meetings of the Association".

Explanation:

As rule 14 is currently, any of the Association Life Members are unable to vote. A person who becomes a life member has obviously done so by exemplary work and dedication to the Association. Their thoughts and ideas are able to be put forward for discussion but currently they are unable to vote on those ideas or suggestions. Our current Life Member would have a greater input to our Association than most of the other members but still not have a vote at the AGM ?? This remit would remedy this situation.

Cherry wood available approx 350 dia trunk, Contact Peter Sargent, West Melton Cherry Farm, Phone 374-2235.

2017/18 Contact Details

Patron: Soren Berger, 25 Rodney St, New Brighton; 388 1004.
Life Member: Bruce Irvine, 401 Withells Rd, Avonhead; 358 8482

Committee:

President: Rick Bolch: 28 Waiau St, Hoon Hay; 980 5156.
Treasurer: Bill Parsons: 76 Fendalton Rd, Fendalton; 351 5647.
Secretary: Ray Morgan: 154b Brookside Rd, Rolleston; 366 9795.
Newsletter: Joe Hayes: 130 Petrie St, Richmond; 385 3910.
Web Master: Ray Hall: 10 Halsey Street, South New Brighton.
David Caddie: 23 Butts Valley Road, Heathcote. phone 384 3984.11
Peter Clemett: 36a Fenhall St, Russley; 342 5242.
Evan Gow: 18 Creese Place, Redwood Christchurch. 021 0338065
Noel Graham: 63 Oakley Cres, Hornby; 349 8976.
Murray Hemmingsen: 75 Woodbury St, Russley, 342 5486.
Rex Marshall: 396 Greers Rd, Bishopdale; 352 9297.
Arnold Memelink: 65 Francis Ave Mairehau: 385 3733.