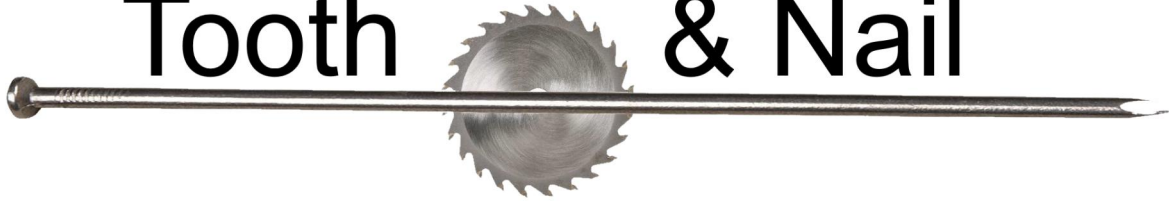
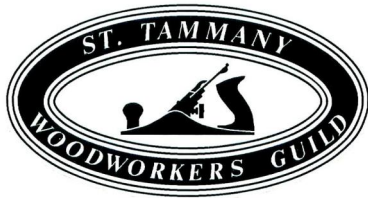


Tooth & Nail



Newsletter of the St Tammany Woodworkers Guild Feb 2017



OFFICERS

President:
Bob Busfield
rabusfield@hotmail.com

Vice President:
Brian Harrell
bharr151@bellsouth.net

Secretary:
Patricia Robbert
pat_robbert@yahoo.com

Treasurer:
Wayne Thompson
bjwthompson@bellsouth.net

Wooden Boat Show
Coordinator:
Henry Simon
topsw@bellsouth.net

Librarian:
Jim Suarez
svpanoya@gmail.com

The January meeting was called to order on Jan. 24, 2017 by Bob Busfield at the St. Joseph Abbey Woodshop. Welcome to visitors and new members.

Wayne Thompson gave the treasurer's report. Our beginning balance as of Jan 1, 2016 was \$3202.53. Income from dues, donations at the boat festival, and tickets for the December banquet totaled \$3639.37. Expenses totaled \$3538.81, leaving a balance of \$3303.09 at the end of the year.

Membership dues for the year are \$25 and are due now. Membership entitles you to attend the March BBQ and the December banquet (for a subsidized price). A community activity of the guild is the children's tent at the Madisonville Boat Festival, which the guild has done for 25 years.

Members are reminded to mark their calendars for Saturday March 25, 2017, when Gerald Gibson will be hosting a BBQ at his camp. More information will follow.

Nomination of new candidates for the offices for the 2017 year was opened. No new names were submitted and the current slate was

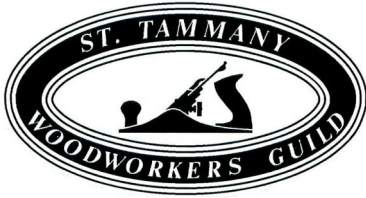
re-elected by acclamation.

Pat Robbert will send members the invitation link to our Google Group again. If you have not joined and would like to, respond to the link and we will add your name to the Google Group. It can be used to ask a question; the question will go to all participating members, and anyone with relevant information can respond.

Questions about woodworking included a cautionary tale from Brian Harrell concerning the safe use of a chopsaw. He was cutting a small corner from a small piece of wood without a rear zero-clearance fence and the wood jammed, the blade bent, the metal fence on the saw was torn apart, and fortunately, he was not hurt. Installing a zero-clearance fence is recommended, as is restricting cuts to longer pieces of wood.

Joe Perret has large format sandpaper available for \$5.

Pat Robbert brought up some information about cleaning products for carbide blades and bits. Simple Green All Purpose Cleaner (highly ionic, supports electrolysis of two metals) should not be used to soak carbide blades and bits. Another



NEXT MEETING

Tuesday
Feb 21, 2017
7:00 PM

St. Joseph Abbey
75476 River Rd
Covington, LA 70457

Directions from
Covington:
Take US-190 W for 7.6 mi.
Continue onto LA 25 north
for 1.9 mi.
Turn right onto River Rd
for 0.7 mi.
The Abbey entrance will
be on the left.
Cross the single lane
bridge to enter the Abbey.
Turn right, go past the
church, turn left.
Woodshop is in the
second block on left.

Presentation: Band Saw
Maintenance, WWGOA DVD

Bring folding chairs.

Bring \$25 annual dues if
you forgot them last
month.

product, Simple Green Pro HD Heavy Duty Cleaner & Degreaser is much less ionic and can be used. A search for ingredients on the Simple Green website will show the ingredients of each product.

Joe Perret and Henry Simon gave a presentation on grinding and honing. A grinding wheel produces a burr while honing is used to achieve a pointed edge. Scrapers work with a burr; chisels require a pointed edge. A slow or variable speed grinder is used to grind edges on tools. Traditionally aluminum oxide (AIO) composite wheels are used, but they have several disadvantages. The AIO wheels often need to be balanced, they should never be used without a safety guard as they can explode. Never grind on the side of the wheel because that can cause it to explode. An AIO wheel needs to be dressed with a diamond dresser to keep it square and flat and still rough. AIO dust is carcinogenic. The angle between the tool rest and the grinding surface changes as the AIO disk shrinks. An after-market tool rest that Joe likes for its ease in obtaining repetitive grinding angles is the Robo Rest by Reed Gray, aka Robo Hippie. It can be used with the Wolverine jig.

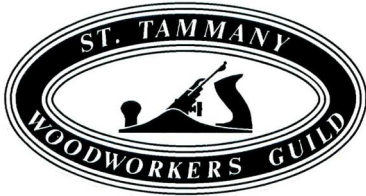
An alternative to AIO for sharpening high speed steel (HSS) tools is a cubic boron nitride (CBN) grinding wheel. These CBN grinding wheels are machined from solid steel, electroplated with a layer of CBN grit and then nickel plated. A CBN wheel can be installed on an existing grinder. The safety guard may not fit over it, but the guard is not necessary because the wheel does not explode. The wheel comes and remains balanced and dressed, is extremely hard, second only to diamond. The CBN wheel sharpens tools very quickly. The wheels have various grits, are 8" in diameter, have a 5/8" arbor, and are 1" or 1.5" wide. Joe has one with 180 grit and 1.5" width.

Using any grinding wheel produces a "hollow grind" with a burr at the edge. The final step of honing removes the burr and produces a razor sharp edge. Henry demonstrated one method of honing an edge. He glued sheets of 800, 1500, and 2500 grit paper to a flat granite plate. He also uses a 600 grit diamond stone. He flattens the back of the chisel and removes the grinding burr on the diamond stone (with water) and works a narrow portion of the front edge (micro bevel) on each of the three grits of paper with water. Finally, the burr from this work is removed from the back of the micro bevel.

-Pat

www.StTammanyWoodworkersGuild.com

Website Manager: Tom Gustafson, tom@gustafson.us

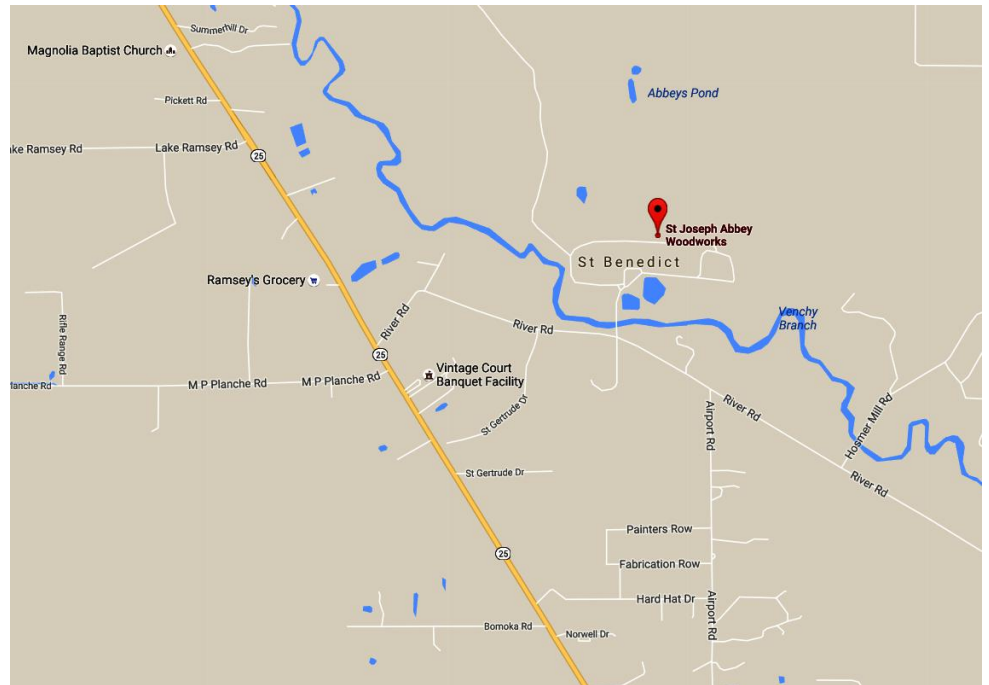


MISSION

The Guild is an organization founded in 1991 by local woodworkers for the purpose of education and inspiration in the art of woodcraft. The Guild is open to anyone who has an interest in woodworking at any skill level. Most members live in St. Tammany Parish but some come from Washinton Parish and Orleans Parish. Meetings are on the fourth Tuesday of each month at 7:00 PM except July when there is no meeting, November when the meeting is on the third Tuesday, and December when the Banquet replaces the meeting.

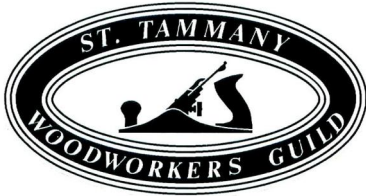
No matter what your level of experience is in the field of woodworking or where your interests lie, e.g., woodturning, flatwork, or carving, the Guild is there for your enjoyment and fellowship. Regardless of how many tools you own, whether you have a shop or not, come and see what the Guild is all about.

MAP TO ST JOSEPH ABBEY WOODSHOP



JANUARY MEETING





WOOD FOR THOUGHT

Submitted by Wayne Thompson from Wood & Wood Products (1896-1996 Centennial)

In 1990, more than 400 trees were planted for every child born. In the early days of Northwest timbering, sawmills did not accept logs less than 16 inches in diameter. That policy left trees for later generations.



Brian Harrell shows how a short piece of wood got jammed in the chop saw when there was no zero-clearance fence.



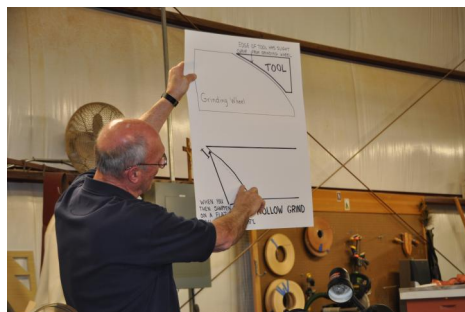
Joe Perret and Henry Simon give a presentation on grinding and honing.



A cubic boron nitride (CBN) grinding wheel.



Henry Simon takes the hollow-ground edge with a burr and hones a sharp micro bevel using a diamond stone and successively finer grits of wet sand paper.





SHOW AND TELL

LENDING LIBRARY

Please contact our librarian by email to request a book or DVD. Jim will bring the book or DVD to you at the next meeting. A complete list of titles is available on the website.

Librarian:
Jim Suarez
svpanoya@gmail.com

Website:
www.StTammanyWoodworkersGuild.com



Cody Chenevert and Jason Thompson built a charging table using Lowe's wood and pallet wood. It is finished with blue chalk paint.

Pat Robbert shows a cypress table top. She filled unstable knot holes with fine crystals of instant espresso and drizzled in CA glue. After 24 hours the patch is easily sanded.

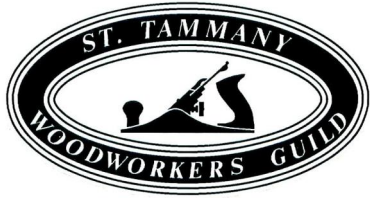


Pat Robbert also made a frame for a piece of stained glass. The frame is made from sapele and has bridle joints with oak pegs. The wood is finished with an oil finish and carnauba wax.

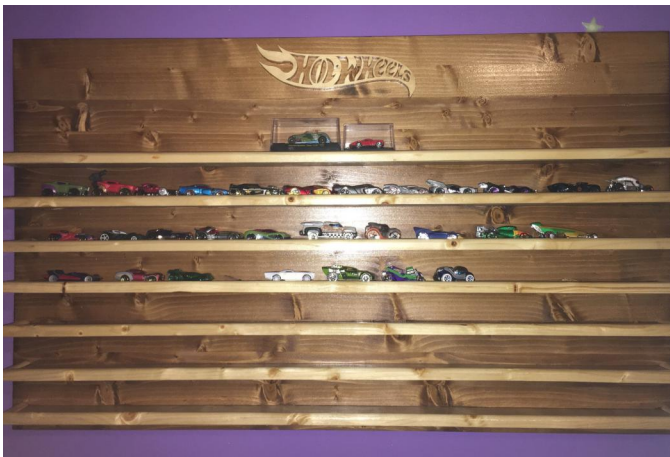


Brian Harrell built a toy boat for his grandson.



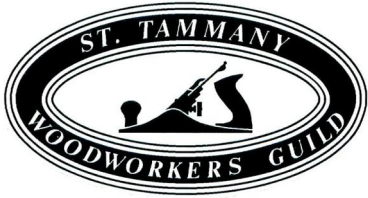


Joe Perret shows a table made from cypress, bowls and vases. He made the recipe box for the gift exchange.



Aaron Mahnke made a hot wheels holder and a rolling chop saw cart. He made the bolt-action pen for the gift exchange.



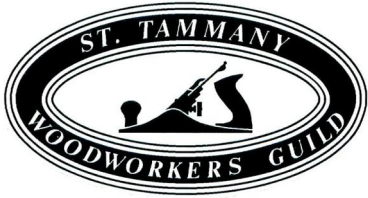


Tom Gustafson made a trivet and put felt on the back, which reminds users to keep it out of the dishwasher.



"Frenchie" Cheramie shows a walnut bowl, a maple bowl finished with oil and carnauba wax, a cheese cutting board made from maple, cherry, and walnut, with hardware from Woodcraft. The photos to the right and directly below show the cheese cutting board. He turned a pen for his heart surgeon from blood wood with an inlaid heart design.





"Frenchie" Cheramie also made a wine bottle stopper, and a Christmas card.

Matt Mohon made a box out of cherry with hand-cut dovetails and a beveled lid.

