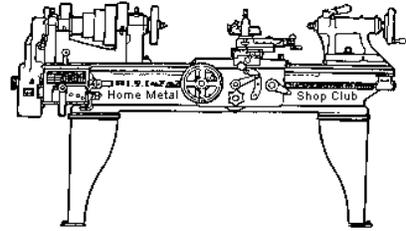




February 2023
Newsletter

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

The Home Metal Shop Club has brought together metal workers from all over the Southeast Texas area since its founding by John Korman in 1996.

Our members' interests include Model Engineering, Casting, Blacksmithing, Gunsmithing, Sheet Metal Fabrication, Robotics, CNC, Welding, Metal Art, and others. Members enjoy getting together and talking about their craft and shops. Shops range from full machine shops to those limited to a bench vise and hacksaw.

If you like to make things, run metal working machines, or just talk about tools, this is your place. Meetings generally consist of **general announcements**, an **extended presentation** with Q&A, a **safety moment**, **show and tell** where attendees share their work and experiences, and **problems and solutions** where attendees can get answers to their questions or describe how they approached a problem. The meeting ends with **free discussion** and a **novice group** activity, where metal working techniques are demonstrated on a small lathe, grinders, and other metal shop equipment.

President <i>Vance Burns</i>	Vice President <i>Ray Thompson</i>	Secretary <i>Joe Sybille</i>	Treasurer <i>Gary Toll</i>	Librarian <i>Ray Thompson</i>
Webmaster/Editor <i>Dick Kostelnicek</i>	Photographer <i>Vacant</i>	CNC SIG <i>Martin Kennedy</i>	Casting SIG <i>Vacant</i>	Novice SIG <i>John Cooper</i>

This newsletter is available as an electronic subscription from the front page of our [website](#). We currently have over 1027 subscribers located all over the world.

About the Upcoming 11 March 2023 Meeting

The next general meeting will be held on 11 March 2023 at 1:00 P. M. at TxRx Labs, 6501 Navigation Blvd., Houston, Texas 77011 **and** on-line at Zoom.us. Log-in credentials are as follows: Meeting ID = 857 2827 6922 Passcode = 803330.

General Announcements

[Videos of recent meetings](#) can be viewed on the HMSC website.

The HMSC has a large library of metal shop related books and videos available for members to check out at each meeting. These books can be quite costly and are not usually available at local public libraries. Access to the library is one of the many benefits of club membership. The club has funds to purchase new books for the library. If you have suggestions, contact the [Librarian Ray Thompson](#).

We need more articles for the monthly newsletter! If you would like to write an article, or would like to discuss writing an article, please contact the [Webmaster Dick Kostelnicek](#). Think about your last project. Was it a success, with perhaps a few 'uh ohs' along the way? If so, others would like to read about it. And, as a reward for providing an article, you'll receive a free year's membership the next renewal cycle!

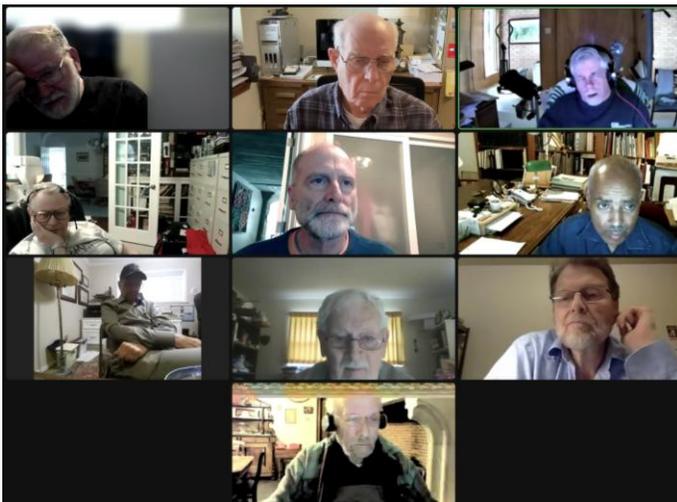
Ideas for programs at our monthly meeting are always welcomed. If you have an idea for a meeting topic, or if you know someone that could make a presentation, please contact [Vice-President Ray Thompson](#).

Members are requested to submit to the club secretary the name, address, telephone number, and website address, if any, of any metal or other material stock supplier with whom the member has had any favorable dealings. A listing of the suppliers will appear on the homepage of the club website. Suppliers will be added from time to time as appropriate.

The club is looking for a member to serve as webmaster. After over ten years of service, our current webmaster would like to pass the webmaster torch to a successor.

Recap of the 11 February 2023 General Meeting

By Joe Sybille



10 participants attended the 1:00 P.M. meeting. President Vance Burns (right photo) led the meeting.



Presentation

Club member Martin Kennedy gave a presentation on his recent visit, during 13 and 14 January, to the Cabin Fever Expo, Model Engineering Exposition, Lebanon Valley Expo Center, Lebanon, Pennsylvania, about 70 miles west of Philadelphia, Pennsylvania. Kennedy showed and described videos and pictures of the exhibits during his two day visit. There were six areas of the exposition, namely: engines of many types, boats, live steam trains, radio controlled equipment, vendor sales, and consignment sales. There was an auction of books, equipment, and tools. Admission to the expo was \$15.00 for both days.

The Lebanon Valley Exposition Center has over 75,000 square feet of indoor exhibition space with plenty of parking for visitors. The following videos were shown during the presentation.

Model Engines (duration 10 minutes 33 seconds)

Trains (duration 1 minute 52 seconds)

Radio Control (duration 4 minutes 14 seconds)

Boats (duration 1 minute 19 seconds)

Consignment (duration 0 minutes 56 seconds)

Vendors (duration 0 minutes 28 seconds)

Show and Tell

Joe Sybille showed pictures of how he replaced a drawer slide roller with a bearing of nearly equal size salvaged from a spent toner cartridge. See photos below.



Martin Kennedy demonstrated how a lock pick works. See photo below.



Safety Moment

A participant described the difficulty encountered when trying to extinguish fires caused by lithium ion batteries. This difficulty is compounded when the fire is aboard a ship at sea.

Another participant spoke of how he cut a finger while installing rigid foam insulation in his workshop. The cut occurred while using a knife to trim the insulation.

Problems and Solutions

A participant has an ongoing problem trying to mate a dividing head with an adapter. So far, he has determined the pitch diameter is different between the two parts. Several suggestions were offered to make the pitch diameters the same.

Another participant sought recommendations on the best way to restore a power washer that had a seized 4-cycle engine. Several suggestions were offered.