

THE TORONTO SOCIETY OF MODEL ENGINEERS

September 2011

THE MODELLER

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WEB SITE: www.tsme.ca Pictures from the meetings along with the Modeller will be posted on this website
TSME CHAT LINE: tsme@yahoogroups.com

FRIDAY, September 9, 2011 at 7.30pm at the Canadian Air and Space Museum, Downsview

PROGRAM:

Guest Speaker, Malcom High, will give a presentation on "Laser Cutting for Model Engineers".

It will be followed by a question and answer session and will take most of the evening.

If you have an item to show, please bring it in and we will get you to talk about it, time permitting.

Note: Please attach a label to any model or stuff you bring for the front bench, so that you are identifiable as the owner.
Club members would like to see completed models, or any in progress of being built and that have not previously been shown. You do not need to talk about the item if you prefer. Just let's have a look at them!

MEETING DATES. Friday evenings on: **2011:** September 9, October 14, November 11, December 9. **2012:** January 13, February 10, March 9, April 13, May 11 and June 8, at the Canadian Air and Space Museum, 65 Carl Hall Road, Downsview M3K 2E1.

LIBRARY. The books are not located at the Museum. However, a list of the books is on the TSME website. Contact Gerald Gardiner with your request and he will arrange to have your requested book(s) at the next meeting. A minimum of one week's notice is required.

Membership Dues: \$35 and \$10 for non-attending members. Please fill out the renewal form as requested and bring it along with the payment to the meeting or, if you prefer, mail it to the Treasurer.

Please note: 1) If paid in cash the exact amount only will be accepted. However, any overpayment will be gratefully accepted as a donation. 2) The membership card will be issued at the meeting following completion of payment. 3) The deadline for payment is **October 30, 2011.**

What's up and coming: Nothing this month.

GENERAL: Name Tags: Please wear your name tag at the meeting. It is on the table next to the door. They will be collected before the meeting ends.

June, 2011 Meeting - in case you missed it.

Peter Rock brought in his Simplex 0-6-0 to the Martin Evans design. The boiler was built using sheet stock and lap jointed. He modified the lubricator and described the details on the adjustable ratchet. Still to complete are the safety valves and he discussed the two possible approaches he is thinking of taking.

Bill Huxhold gave a talk on form tools and demonstrated how he makes them from HSS. Using the edge of a bench grinder wheel, he roughs out the shape and then completes the profile using a small electric die grinder. He then showed an example of a ball style lathe handle he made using this technique. He mentioned that all subsequent sharpening is done on the top of the form tool as it has zero rake.

An **Auction** of stuff "excess to needs" was held next and nearly all the items found a new home. Proceeds to the Club were most appreciated.

Don Carr showed a small drill bit sharpener he made to the "Duplex" design, which is not yet complete. He showed the lap he made to hone the spindle shaft and he mentioned that it is a very difficult item to build.

Helmut Heitzinger brought in his triple expansion engine which is about 95% complete, including the condensers. Some slides of the construction were shown. Many fixtures were made to ensure that the items were to spec. The piping is still to be made to complete the project. A short video was shown of the engine running on air and then he ran it on the bench.

NEW MEMBERS: No new members over the Summer.

Note: for security reasons only your name will appear on the web posted version.

FOR CORRECTIONS / CHANGES PLEASE EMAIL or PHONE:

Geoff Kingma

PICTURES FOR THE TSME WEBSITE If you have pictures that you think are good for posting on the TSME website, please email to KIM TYSON at webmaster@tsme.ca.