

The
NEMES
 NEW ENGLAND MODEL ENGINEERING SOCIETY INC.

Gazette

No 277

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NO July Meeting

July 4 is the first Thursday in July. There will be NO July NEMES meeting. Enjoy the 4th!

Note that the August Meeting will be on Saturday, August 3, and will not be at the Museum. Instead, it will be at Bruce Rosenbaum's House of Steampunk in Palmer, MA.

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Club Business

Rich Baker

Dues. We are now collecting 2019 dues. Please bring your \$25 check to the June meeting, or you can try out our credit card system. Or mail me a check to Rich Baker, NEMES, 288 Middle Street, West Newbury, MA 01985.

See Rich Baker for the NEMES merchandise.



President's Corner Dan Eyring

Happy Belated Summer Solstice!

Whether you celebrated the Summer Solstice by cavorting naked in the woods or just leaned back with a cold one or two, this year I'm observing the arrival (finally) of long, warm, sunny days with simple gratitude that I've been able to line up a NEMES speaker slate for August through November. The calendar did me a favor by putting the first Thursday of July on the 4th. It seemed prudent to simply cancel the July NEMES meeting rather than ask members to give up beer, hotdogs, watermelon and fireworks just to drive in to Waltham.

So, even though **there will not be a July meeting**, we're putting out a July Gazette just to make sure folks know that, as well as what's coming up. Please note that **the August meeting will be held on Saturday, August 3rd, at 1 PM at Bruce Rosenbaum's House of Steam Punk in Palmer, Massachusetts.** Please see modvic.com to learn

more about Bruce. I'm told that he puts on a great show, with the added benefit that our most westerly members will be able to attend a NEMES meeting without hiking to Waltham.

I'm grateful to have found speakers, not because I've found great ones, but because it's so hard to find speakers at all. Along that line, a discussion took place at the June meeting about declining attendance at meetings over the last few years, as well as our shrinking membership numbers in general and what we could do about it. In particular, we are not doing so great at finding new, young members. In other words, the next generation of NEMES members is not yet on the horizon.

There are many possible reasons for our shrinking membership. Maybe the meetings are not as interesting as they used to be. Maybe the art of Model Engineering is dying out. Maybe, in today's world of readily available cyber communities on Google, YouTube and Facebook, people don't feel the need to drive miles and miles to engage face-to-face with fellow hobbyists. Their loss, in my opinion.

So, what to do? During our discussion during the June meeting, Rich Baker suggested that perhaps the Charles River Museum could give us some advice, given that the Museum is always looking for interesting technical exhibit content to draw in visitors, and is particularly interested in becoming a technology learning resource for young people in the community.

As a result, Rich Baker and I met with the CRMII Director Bob Perry to talk about how NEMES meetings and membership numbers could be improved. We found much common ground, particularly in the area of finding good technical speakers. The Museum hosts periodic speaker events, known as Mill Talks. Sponsored and funded by The Lowell Institute, the Mill Talks are given in the Museum's Main Gallery and usually draw a sizable crowd.

To date, the CRMII Mill Talks have not been all that technical, and Bob Perry is eager to expand the Mill Talks subject matter by bringing in high caliber technology speakers from industry and academia. A small club like NEMES would have difficulty doing this on its own, but with the backing of the Museum's reputation and funding, Richard and I feel that we could construct a new thread of 12 technology talks per year, corresponding to the NEMES monthly

meeting time slot. NEMES would have its usual meeting in the Lowell Room from 6:30 to 7:30 PM, then walk over as a group to the Museum's Main Gallery for the evening's Mill Talk. And light refreshments are available.

To get specific, over the coming months NEMES will work with speaker bureaus, both local and national, to line up a speaker series. We would seek to find speakers in four general subject areas to make the series appealing to a wide audience. For example, we could target speakers in the areas of History of Technology, Model Engineering, CNC and 3D Printing Manufacturing, and Bio-Mechanical Devices. These topic areas are just suggestions. We plan on polling the NEMES membership over the coming months to find out what the Club would be interested in hearing about.

I am very interested in what you all think about this idea. I believe it will expose NEMES to a wider audience, especially an audience of potential younger NEMES members. Let me know your ideas on what kinds of speakers we should seek out and where we can find them. Please contact me at

deyring2017@outlook.com



From the
Editor's Desk

Bob
Timmerman

Note that because July 4 is the first Thursday, there will be no NEMES meeting this month. Enjoy the 4th.

Dan Eyring has a President's Column this month, it is necessary reading for all those who are concerned with the future of the club. Also see Todd Cahill's letter to the Editor on the next page.

We note with sadness that Richard Husher has passed. See the obituary above.

RICHARD WILLIAM HUSHER Jr.

1921 – 2019



HUSHER, Richard William Jr. Age 97, resident of Waban, MA, passed away on Thursday, May 23, 2019. A Celebration of Life Memorial Service will be held on Saturday, June 22, 10 A.M. at the Union Church in Waban, MA.

R.W. Husher was born in Copenhagen, Denmark on November 20, 1921 to Richard William Steiner Husher and Gudrun Husher, both of Norwegian nationality. The Husher's arrived in NYC in 1924, initially living in Brooklyn, NY, and then moving to New Haven, CT, where he spent his childhood during the Great Depression.

Graduating from Yale, he worked as a Mechanical engineer during WWII for Pratt & Whitney, and returned to Yale to earn his Master's degree in electrical engineering in 1948. Returning to Pratt & Whitney, he worked on the design of high performance jet and turboprop engines. He transferred to Norden company, which was involved with producing sophisticated bombsights for aircraft. This brought R.W. Husher into contact with sophisticated optics that became the focus of the rest of his professional life, eventually leading to the first military spy satellites. His last professional position was at MIT Lincoln Laboratory, in Lexington, MA.

Mr. Husher's greatest interest involved the restoration of antique clocks, and was a long-time member of the National Assoc. of Watch and Clock Collectors (NAWWC). In 1980, he co-wrote the book, "A Study of Simon Willard's Clocks," with W.W. Welch, which is now the standard on the subject.

In 1954, Mr. Husher moved to Waban with his family. He was a great supporter of the Union Church, along

with the Boy Scouts, Sons of Norway, and a variety of antique clock associations. Richard was a strong and supportive husband, father, and mentor, and will be sorely missed. He is survived by his three sons, Frederick, Neil, and Eric, grandchildren Christopher, Erin, Nicholas, Naomi, Jeffrey, Douglas and Derek, and great-grandchildren Charlotte, Samson, Owen, and Opal. He is preceded in death by his wife Elsie Jean, and their daughter, Andrea. The family asks attendees to provide donations to the Union Church, in lieu of flowers. Henry J. Burke & Sons BurkeFamilyFuneralHomes.com

Letter to the Editor

As part of the discussion about the future of NEMES, we received an e-mail from our long time Secretary, Todd Cahill. I am reprinting it here, as another point of view.

Gentleman,

I've been thinking a bit about the NEMES club especially after the past few weeks discussing its' future. I can't say I was at the legendary first meeting some can claim. I did make it to the December or January meeting that occurred after the 3rd annual Great NE Steam Expo. I can point to the exact place in Landry Park where I first recruited by Ron Ginger and Max Ben Aaron to attend a meeting

I was hungry for knowledge. I did not go to trade school and my education on running the lathe at Art school was to be shown the on-off switch, some advice on wearing safety glasses and that's it. I had just started setting up my shop when NEMES became a part of furthering my education. It was perfect and total retention of each meeting. I learned so much.

It's not like I'm done learning, but I am at the point in my art-making that I need to apply what I know, technically to the work I've had in my head for decades.

Seems to me that none of the proposals going forward in conjunction with the museum will lessen the load of the officers with the exception of the task of finding speakers. I know that my role of secretary (for over 10 years) were preceded by much more diligent people,

especially in the writing department. When I first started, I recording each monthly meeting and after editing and usually a day's worth of writing I would submit that to the newsletter. This lasted maybe 6 months when an entire synapses of a very technical meeting about carbon capture was accidentally deleted and I got really dismayed. 10 years ago I didn't really have the time to do all this but I did. I do remember having to make up the previous decade's lack of submitting annual reports to the state and doing that again about 5 years ago, Hmmm come to think of it ... A lot has changed in my life since then, paying much more in rent and really making a go at running my business. I really don't have the time to devote to NEMES now but I can't. I am in a heap of trouble if I don't get this work out the door on time.

This is not my resignation letter, It is a warning that moving forward, we need to have a new slate of officers if we want to continue as a club. I think that Rich Baker would agree. All of you and the membership should as well. I'd be fine with the speaker series handled by the museum. I might even make it to those more than NEMES meetings. I think that we should absolutely still have our February show and we should insure, with \$ that it will happen as long as possible. The boy scouts setting up the tables was a tremendous help last year, perhaps we could think about relieving some of the pressure off the woman's' auxiliary food service.

Todd

Machinery for Sale / Wanted

As a service to members, we continue to put listings of machinery for sale or wanted by members in this space from time to time. The notices of machinery for sale are not restricted to NEMES members, as members will benefit from the widest possible exposure to information on used machinery. Requests for machinery wanted are restricted to members. Send any information to me at RWTimmerman@gmail.com

New Listing as of June issue:

Becker (made in Hyde Park, MA) size 4b vertical milling machine. Further information below. Appears to be in poor but salvageable condition; owner will probably take a nominal sum (say about \$200), just to get rid of the machine. Belongs to a co-worker of our webmaster, James Scheffler III. Contact James at James.Scheffler@gmail.com .

Further data: A brochure on the Vintage Machinery website has the following data:

Table size: 36" x 10 ¼"

Longitudinal power feed: 28"

Cross Feed: 14"

Knee travel: 19"

Head travel: 5"

Spindle speeds: 12

Equipped with 2 hp motor, appears to be single phase 110/220 volt, but which the nameplate lists as 50 cycles.

Spindle taper: #10 Brown & Sharpe taper

I am told that the owner has collets for it.

[Don't let the B & S taper scare you off. End mill holders for #10 B & S taper are available from Travers Tool. I just bought some for my Brown and Sharpe #1 Universal mill. ---Editor]

Here is a photo:



Summary of June Meeting:

A 19th Century Factory in the 21st Century

The MM Rhodes and Sons Company of Taunton, Mass. operated from 1860 to 2014 under the continuous management of six generations of the Rhodes family. This small factory complex is a rare survivor, containing an array of belt-driven machinery operated by antique electric motors. Dan Eyring's talk provided a tour "back through time" of this unique company, the products it made and the family members who kept it in operation for 160 years.

Future NEMES Meetings

At the December, 2018 meeting, Dan Eyring took over responsibility for programs, and began the effort to recruit a program committee, so that no one person would have to do all the work of programs. Anybody who wants to serve on the program committee, or has ideas for programs, please talk to Dan.

Here is a list of upcoming programs:

August

To be hosted by Bruce Rosenbaum of ModVic Steampunk Museum of Art in Palmer, Mass.

Meeting scheduled for Saturday, August 3rd due to driving time to site

September 5

David Perreault will show and discuss his model engine casting kits, particularly Atkinson cycle engine castings.

October 3

Chris Fitch of CF Designs will present and discuss his work in kinematic sculpture.

November 7

David Schein will present and discuss his "upcycling" works, sculpture made from old bicycle parts.

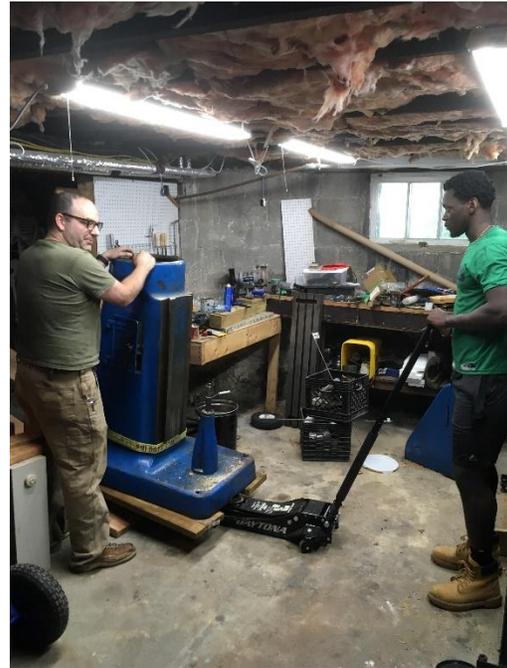
Adventures with Old Machine Tools

Our Webmaster, James Scheffler III, bought a used Bridgeport.

Last month's adventure showed the condition of the machine as James was cleaning it off. This month's picture shows a sight familiar to many, getting the frame of the Bridgeport into his cellar. It seems the cellar door was on the opposite side of the house from the garage, so he had to roll it on a dolly out of the garage, out into the street, then down a path to the cellar door. What we see here is getting it down a ramp into the cellar.



Here is the frame of the machine in the cellar, ready to be re-assembled:



Future Events

Thanks to a lot of hard work by our President, Dan Eyring, we now have a list of future events. If you do not see your favorite show on the list, give the information to our webmaster, James Scheffler III, and he will put it on our website

July

6 Boothbay Railway Village & Tractor Meet, Rte 27, Boothbay, ME

6-7 Retired Iron Tractor Show, Wisdom Way, Greenfield, MA

7 Pepperell Crank-Up, Town Field, Rte 111, Pepperell, MA

10 CMSGMA BBQ 6pm (Wed.), Recap Meeting 7pm Clubhouse 524 River St, Orange, MA

20-21 Zagray Summer Show & Swap Meet, Zagray Farm Museum, Rt 85, Colchester, CT

19-21 Blue Mountain Summer Show, Jacktown Grove, 1229 Richmond Road, Bangor PA

20-21 Owls Head Transportation Museum, Owls Head, ME

26-28 Eliot Antique Tractor & Engine Show, Raitt Homestead Farm, Rt. 103, Eliot ME

27 Annual Antique Tractor and Engine Show, Raitt Farm Museum, Rte 103, Eliot, ME

Aug

2-4 VT Gas & Steam Engine Assn Quechee, VT Show at Quechee Village, Rte 4

2-4 Northeast Rockbusters Antique Construction Equip Show Concord Sand and Gravel Concord/Pembroke NH

3-4 Owls Head Wings & Wheels Spectacular, Owls Head, ME (Main Event)

4 Chevy/GMC Truck Meet, Lions Club Field, 11 Billings Way, Hatfield, MA

7-10 New York Steam Engine Assn. Annual Pageant of Steam Gehan Rd., Canandaigua NY

10-11 Straw Hollow Engine Works Show, Pine Ridge Farm, Cross St and Rte 70., Boylston MA

14-17 Rough & Tumble Thresherman's Reunion, Rt. 30, Kinzers PA

17 Western Mass Antique Tractor and Engine collector show Belchertown MA, Town Common [Jim:413-246-2813]

17-18 Mystic Seaport Museum, Mystic, CT, Antique Marine Engine Show – [Scott Noseworthy 860-572-5343]

24-25 Musterfield Farm Days, N. Sutton, NH [www.musterfieldfarm.com]

23-25 CRACK [Connecticut River Antique Collectors Klub], Rte 5 South, Ely, VT

Sept.

6-8 Sterling Fair and Engine Show, Sterling Airport, Sterling, MA

6-8 Dave Whitneys's Gas and Steam Engine Show, Rte 101, Dublin NH

13-15 Tobacco Valley Flywheelers Show, Haddam Meadows State Pk, Rt 154, Haddam, CT

14 Cranberry Flywheelers Machinery Show, Plymouth Airport, Plymouth, MA

21-22 Annual Round-up Engine Show, Barker Farm, 303 Barker Road, off Rte 103, Ludlow, VT

27-29 Connecticut Antique Machinery Assn. Rt. 7, Kent CT 860-354-1859

28 VT Gas & Steam Engine Assn, East Burke Fall Festival, East Burke, VT

Oct

4-6 CMSGMA Fall Campout/Work weekend, Election of Officers Meeting 4pm (Sat.) Club House, 524 E. River St., Orange, MA

5 New England Wireless and Steam Museum, Yankee Steam-Up - East Greenwich, RI

6 Musterfield Farm Harvest Day, North Sutton, NH

5-6 Zagray Farm Fall Show & Swap Meet, Zagray Farm Museum, Rt 85N, Colchester CT

11-12 Rough & Tumble Harvest Show Rt. 30, Kinzers PA

19-20 Waters Farm Engine & Tractor Show - 53 Waters Rd, West Sutton, MA.

17-19 Coolspring Fall Expo & Swap Meet Rt. 36, Coolspring PA

19-20 Blue Mountain Fall Harvest & sawmill Show, Jacktown Grove, 1229 Richmond Road, Bangor, PA

19-20 Water's Farm Engine & Tractor Show & Pull, 53 Water's Rd, West Sutton, MA

Nov.

No information on meetings

Dec.

1 CMSGMA Winter Snowball Chili Cookoff 9am -
Noon Pot Luck, Meeting 1pm Club House, Orange,
MA