



St. Louis Section News

"The home of the American Society of Mechanical Engineers, St. Louis Section"

www.asmestlouis.org

January 2019

ASME helps the global engineering community develop solutions to real world challenges. Founded in 1880 as the American Society of Mechanical Engineers, ASME is a not-for-profit professional organization that enables collaboration, knowledge sharing and skill development across all engineering disciplines, while promoting the vital role of the engineer in society. ASME codes and standards, publications, conferences, continuing education and professional development programs provide a foundation for advancing technical knowledge and a safer world.

Next Section Meeting:

January Meeting - Student Design Presentations

Saturday, January 26th, 2019 from 11:30 to 3:00pm

Location: HTE Technologies

Next Board Meeting:

C.J. Muggs

January 10th, 2019 @ 5:45pm

101 W Lockwood Ave, Webster Groves, MO 63119

Table of Contents

• Major ASME Communication Change	2
• January Meeting - Student Design Presentations	3
• February Meeting - Kaldi's Roastery	4
• Engineer's Club 150th Anniversary	5
• Engineer's Club - Engineering Explorers	6
• Engineer's Week Schedule	7
• Tom Bever Memorial Undergraduate Scholarship	
• Engineering Center STEM Outreach Opportunity	8
• ASME Auxiliary Scholarship Program	9
• Young Engineer and Student Section Website Offer	
• Young Professionals in St Louis	10
• ASME Section Contributions	
• St. Louis Section Events and Links	
• ASME Referral Drive & ASME Special Offer	11
• Upcoming Continuing Education	12
• Next Board Meeting	13
• Officers	

Year At A Glance

December

Networking Event

January

Student Competition
Presentations

February

Kaldi's Coffee Roastery

March

*Wash U New Facilities
Tour

April

*Machine Vision @ HTE

May

May Social

June

-

July

-

August

-

**Tentative*



Major ASME Communication Change

ASME failed to notify everyone to update their privacy settings due to the EU privacy law changes. In result, each user needs to go to preferences.asme.org. Log in and fill out the form on which emails you would like to receive. ASME will then send an email (check your junk folder) to confirm your changes.

Make sure to check the “**ASME Group Communications**” under the “**Society & Volunteer Engagement**” headline to continue to receive these messages from your local section.

protection standards which are equivalent to those which apply in my home country.

I understand that this consent is voluntary and can be revoked at any time.

Membership & Member Benefits >

Newsletters >

Products & Services >

Society & Volunteer Engagement ▾

- Society & Volunteer Engagement ⓘ
- Advocacy & Government Relations ⓘ
- ASME Group Communications ⓘ
- Honors & Awards ⓘ
- Scholarships ⓘ

All ASME E-mails

By choosing YES, you will receive all ASME emails and newsletters. By choosing NO, you will not receive any ASME email or newsletters but still may receive required notifications about your account or purchases.

Yes No

Save Preferences **Reset**

Many of our membership will not see this message. So we will be reaching out in every method applicable from emailing each participant of any past meeting on record to mailing those with addresses listed.

Please check with your colleagues and coworkers to see if they are set up correctly. We don't want to lose anyone over this oversight.

Thank you

January Meeting - Student Presentation and Design Competition Event

The ASME St. Louis Section is proud to provide the 2nd annual Student Presentation and Design Competition Event.

In years past, student sections of ASME at local universities have requested additional funds through the St. Louis Section to support their entries into student design competitions. The meetings were normally held during board meetings which were not attended by many other professional members. The requests were for costs such as materials or equipment purchase along with travel and lodging that was not covered by their college or ASME National.

- The event will be separated into 2 categories: Funding for ASME competitions and non-ASME competitions.
- First, student sections are invited to present on their design project for the following ASME design competitions:
 - 1. ASME E-Fest design competition
 - 2. Human Powered Vehicle Challenge - Design and build a bicycle and race against other teams
 - 3. Old Guard Oral Presentation or Technical Poster
 - 4. Innovation Design Simulation Challenge
 - 5. Innovative Additive Manufacturing 3D Challenge (IAM3D).

More information on competitions can be found here: <https://www.asme.org/events/competitions>

- Presentations for each design team will be limited to 15 minutes each and must include a budget for materials, equipment and travel along with financial assistance provided by others.
- Following a Q&A from the audience, the St. Louis Section Board will award \$500 for each presentation. The audience of professional members will then vote on the best presentation with the winning team receiving an extra \$250.
- Second, presentations will be held afterwards by students competing in other design competitions. The best presentation, as determined by the audience, will win \$250.
- Students are encouraged (but not required) to bring their models and provide handouts on their designs.

Professional members are encouraged to attend for a chance to possibly support their alma mater and actively engage in this section event. Professional development hours (PDH) will be provided depending on length of meeting.

WHERE: HTE Technologies Facility
2021 Congressional Dr., St. Louis, MO 63146

WHEN: Saturday, January 26th, 2019, 11:30am - 3:00pm
11:30am-12:00 Sign-in and Networking
12:00-1:00: Lunch and Presentations from student sections for ASME design competitions
1:00-2:00: Presentations for other design competitions
2:00-3:00: Q&A, Discussion and Final Comments

COST: \$25 for professional members and guests, FREE for all students

LUNCH PROVIDED: Sugarfire brisket, turkey, coleslaw, and baked beans (Please note in the RSVP of dietary restrictions)

RSVP: www.asmestlouis.org or to Ryan Neil at ryanneil84@hotmail.com by **Thursday, January 24th**

February Meeting - Kaldi's Coffee Roastery Tour



It's February, and with ASME St. Louis, that means a feel-good event that everyone can get behind. We've covered most angles of Valentine's candies in the area. So it's time to move on to the after dinner treat, a great cup of coffee. Get to know more about coffee roasting with the local brand, Kaldi's Coffee. Join us for the February event at Kaldi's Roasting Company

WHEN:

Date still to be determined. Look for details in the February Newsletter.

WHERE:

Kaldi's Roastery
3983 Gratiot
St. Louis, MO 63110



Engineer's Club 150th Anniversary



The Engineers' Club
of St. Louis

150th Anniversary
1868 - 2018

Win a Free Membership!

Grab a Raffle Ticket at any Engineers'
Club Hosted Event for a Chance to
Win!

Fellowship Night

Bowling League

Golf League

The More Tickets You Collect the Better
Chance You Have to Win!

Tickets Will Be Pulled in May
2019 for a 2019-2020 Free
Membership

Engineers' Club of St. Louis
4359 Lindell Blvd.
St. Louis, Mo 63108
P: 314-533-9333
info@engineersclub.net

Engineer's Club - Engineering Explorers

Join the Fun!

ENGINEERING EXPLORERS

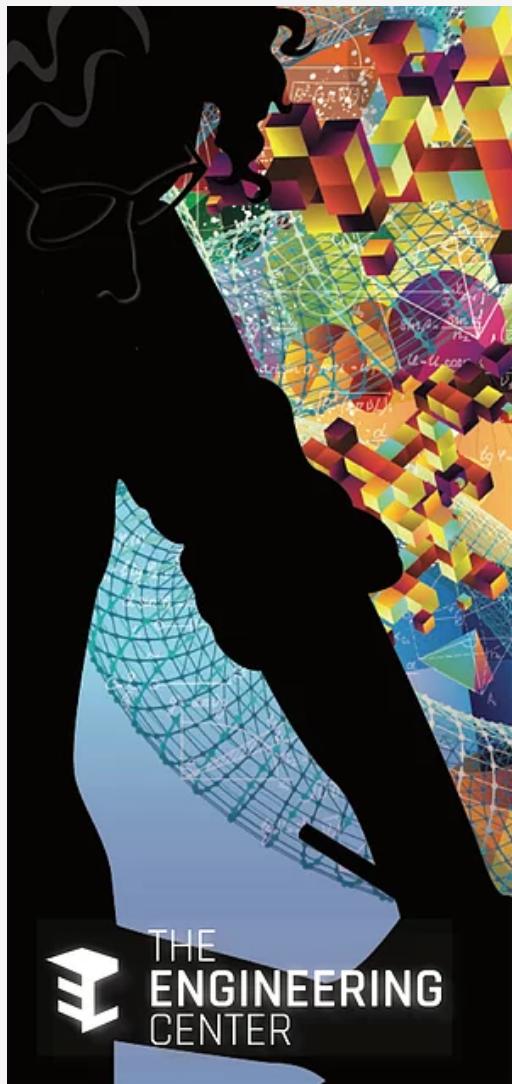
Meets every First
& Third Wednesday

Open to all age 14+



4359 Lindell Blvd.
St. Louis, MO 63108
engineeringcenter.org

Engineer's Week Schedule



Celebrate Engineers Week

February 16-25, 2018

Schedule of Events

Friday, February 16, 4:00 to 7:00 pm
@ The Engineering Center
Career Fair Happy Hour - All college students and graduates won't want to miss the opportunity to meet with top St. Louis engineering firms and local engineers for networking, interviews, and cocktails. Online registration at engineeringcenter.org.

Monday, February 19, 10:00 am to 12:00 pm
@ The Little Bit Foundation
Engineers Give Back to STL - In a day of community service, join us as we assist the Warehouse Team assemble student orders.

Tuesday, February 20, 11:30 am to 2:00 pm
@ The Clayton Plaza Hotel
Annual Engineers Week Luncheon - Join this industry celebration of yearly accomplishments, featuring a special guest speaker (TBA). Tickets available for purchase at engineeringcenter.org.

Wednesday, February 21, 11:00 am to 1:00 pm
@ The Engineering Center
Show Me Engineering Conference - High school counselors around the region come together to learn about engineering opportunities for their students. To register, engineeringcenter.org.

Friday, February 23, 3:00 to 6:00 pm
@ The Engineering Center
Student Discovery & College Fair - High school students explore engineering with activities and demonstrations by leading STEM companies and speak to college recruiters.

Saturday, February 24, 9:30 am to 4:30 pm
Sunday, February 25, 11:00 am to 4:30 pm
@ The Saint Louis Science Center
Engineering Exposition - Learn about engineering at booths and exhibits throughout the Science Center, hosted by Missouri Society of Professional Engineers.

- 2018 Sponsors -



The Engineering Center • 4359 Lindell Blvd., St. Louis, MO 63108 • engineeringcenter.org • 314.533.9336

Tom Bever Memorial Undergraduate Scholarship



The St. Louis section will be accepting nominations for a \$500 undergraduate scholarship for the fall semester. In order to be considered, the student must submit the following by August 1st:

- Unofficial transcripts showing the student is an undergraduate pursuing a Bachelor's degree in Mechanical Engineering
- ASME student membership – include ASME membership number in submittal
- Submit a short essay describing outstanding accomplishments including volunteer roles in ASME (member of design team, officer positions held, etc.)

All materials should be entered on the www.asmestlouis.org website via the "Scholarship Application" link found on the main page. Selection will be based primarily on ASME volunteerism. Open to students attending a college in the St. Louis Section including: St. Louis University, Southern Illinois University Edwardsville, Missouri University of Science & Technology, Washington University, and University of Missouri in St. Louis.

Engineering Center STEM Outreach Opportunity

Dear Members,

The Engineering Center of St. Louis respectfully requests your support and participation in creating outreach into regional schools encouraging local students to pursue an education in high-demand STEM fields. The STEM Alliance has launched the STEM Alliance Speakers' & Mentors' Bureau with the mission to connect professionals into classrooms to inspire and encourage the next generation to continue taking steps along STEM pathways. It will provide valuable links to mentoring, scholarship opportunities, university connections, and eventually careers. Encouraging local students to follow STEM pathways in education will help to fill the STEM talent pipeline that is critically needed for the region to continue to grow and create prosperity for St. Louis. This is a call for volunteers to participate in the bureau. Please consider completing the attached application and forwarding it to joy.david@engineeringcenter.org. Thank you for your consideration and support to this much-needed community outreach program. Please feel free to forward the application to members, colleagues, and other STEM professionals you feel would be a valuable asset to this program.

Sincerely,
W. Dave Yates,
PE President

ASME Auxiliary Scholarship Program

From Arnie Feldman, Chair EED to all EED Members:

You are likely familiar with the scholarship programs that in the past were sponsored and administered by ASME. The ASME Auxiliary currently sponsors a Student Loan Program (SLP). The terms and conditions for the SLP have recently been revised to make these loans more widely available to students in need of financial assistance to complete their degree requirements. Loan repayment terms have been revised to make it easier for students to find employment and to establish their careers or to complete graduate studies before beginning to repay their loans. The guidelines and loan application are attached to this email and also available at go.asme.org/loans.

The major points of this loan program are:

1. Maximum of loan amount of \$5,000 per student
2. Available to ASME Members or Student Members who are US citizens or permanent residents majoring in Mechanical Engineering or a closely related program
3. Loan interest at 4% on the outstanding loan principal
4. Loan interest does not begin accumulating until the first of the month immediately following graduation, change or termination of student status
5. Loan plus accrued interest is to be paid in thirty-six (36) equal consecutive monthly payments commencing within six (6) months after graduation. There is no penalty for early repayment.
6. Students must be an ASME Member or Student Member in good standing for at least one year and until the loan is paid in full.
7. Student must be enrolled in full-time academic studies in the U.S and making satisfactory progress in his or her degree program
8. Have a minimum GPA of:
 - 2.20 on a 0 to 4.00 scale - (Undergraduate Students)
 - 3.20 on a 0 to 4.00 scale - (Graduate Students)
9. Student must have a demonstrated financial need and have a written letter of recommendation from the Chair of the Department, the Dean of Engineering, or Faculty Advisor of ASME Student Section.
10. A one time graduate education extension may be awarded to qualified students.

Please inform all students in your programs who you feel qualify for these loans to submit an application, or to request additional information.

Ed Seiders
ASME Auxiliary Student Loan Treasurer
email: seiderse@asme.org

Young Engineer and Student Section Website Offer



The St. Louis Section is offering any regional student section and young engineers monthly feature on our website. Your page will be complete with Google Calendar, Blogger and interests information in an effort to help the student sections and professionals entering the workforce, to keep organized even when they may lack the resources. If you know of a student member that would be interested, please have them contact us at asmestlouis@gmail.com.

Young Professionals in St. Louis

In this new section, we would like to present young professionals who are looking for opportunities to establish themselves on the career path of Mechanical Engineering.

Our first profile is Kevin Belgeri, who is an active ASME member and many of you have met at our events.

Kevin is a graduate of UMSL with BS in Mechanical Engineering with a GPA of 3.63.

He is a Certified Engineering Intern and his interests are in Mechanical Design, 3D modeling, Fabrication and Engineering Support.

Most notable projects he has worked on are the design and construction of a vehicle capable of autonomously following a 3D path and the assembly of a plasma speaker at St Charles College Engineering Club.

Feel free to reach out to Kevin at kjbelgeri@gmail.com with any advice and project ideas.

ASME Section Contributions

In past years, the St. Louis Section has covered section activities by receiving an allocation of funds from ASME National. This allocation was based on how active the section was and what types of events were hosted by the section (i.e. offering professional development and holding joint meetings with other engineering groups). Since 2014 year, ASME National has stopped contributing to the local sections and instituted regulations on how sections can spend their money. The section is now using money that was saved from past conferences held in St. Louis and contributions from members.

When completing your ASME renewal, please consider contributing to the St. Louis Section. This will help to sustain the group that has survived since 1909 and is run entirely by volunteers in the St. Louis area. You can contribute by completing the voluntary contribution for sections on the ASME renewal form.

We are also looking into the potential to utilize relevant sponsorships to help alleviate the continuing costs as well.

St. Louis Section Events and Links

The St. Louis Section is continuously looking for new events and activities to offer members. This includes tours and presentations.

If you have ideas or would be interested in being an event captain please contact any of the officers on the next page.

Check us out online at the following links

- Main Website
www.asmestlouis.org
- ASME Community Section Page
https://community.asme.org/st_louis_section/default.aspx
- LinkedIn Page
https://www.linkedin.com/groups?goback=%2Egmp_4115637&gid=4115637

ASME Referral Drive & ASME Special Offer

From ASME:

“

As a valued ASME Section Member, we are requesting your assistance to help us spread the word to non-members about two exceptional opportunities we have for them to join ASME:

1. The ASME Referral Drive: Current members can simply provide us with the names and email addresses of their non-member peers and colleagues and we do the rest! The prospective member will receive a special discount offer to join ASME including a free gift, and the referring member may also be eligible to earn great prizes when they do. Please encourage your section members to make their referrals today at: <http://go.asme.org/ReferralDrive>

- and -

2. The ASME Join Today Special Offer: Members can also share the ASME Join Today Special Offer URL directly with friends and co-workers by: email; placing it on their university or company intranet; posting it to their favorite social networks such as Facebook, Twitter, Google+ and LinkedIn, or however they wish! Joiners will enjoy a special dues discount plus a free gift. Please urge your section members to post this special offer URL in as many appropriate venues as they can: <http://go.asme.org/JoinToday>

We rely heavily on your ongoing support to introduce ASME Membership to as many prospective members as possible, and we thank you in advance for your help in spreading the word about these very special membership opportunities - each of which include a generous **25% dues discount** plus a **free ASME bag** for new members!

”



Two Great Ways
to Help ASME
Grow Membership!

Upcoming Continuing Education

Posted as an FYI, ASME neither sponsors nor endorses these classes. Descriptions are from providers.

LEED Green Associate (GA) Training

When: January 24th 2019 – 6:00PM to 9:30 PM

Where: Saint Louis University – Ritter Hall – Room 225

Registration: <https://leadinggreen.com/stlouis>

LEED (Leadership in Energy and Environmental Design) is simply a sustainability scorecard for green buildings. The LEED Green Associate is the only professional designation to show employers and clients you have certified knowledge in the field

To date, this course and its materials have proven to be instrumental in helping over 8000 students pass their respective exam at a 100% pass rate. This course is offered at a quarter of the price and time as the competition and is geared at allowing students to graduate with letters after their name!

A new LEED rating system (v4) was introduced last year and this training course is one of the few that has been updated to teach the current rating system.

Next Board Meeting

Please join us at the next Board Meeting on **February 7th @ 5:45pm**

Location: C.J. Muggs
101 W Lockwood Ave, Webster Groves, MO 63119



Officers

Chair Paul Hibbeln Medtronic hibbelnp@gmail.com	Vice Chair Louie Woodhams Washington University louis.woodhams@gmail.com	Treasurer Igor Povarich Watlow IPovarich@watlow.com
Secretary David Seidensticker MSC Software davesticker@gmail.com	Past Chair Mesrou Mehmed Weissman's Theatrical Supplies, Inc. mesrou@gmail.com	2nd Past Chair/Webmaster Brad Tissi HTE Technologies, Inc. btissi@gmail.com
Student Liaison Ryan Neil ryanneil84@hotmail.com	Historian John Saufnauer Retired johnsaufnauer3@att.net	