

40TH ANNUAL HAWAII STATE MATHCOUNTS COMPETITION RESULTS

The Hawaii Society of Professional Engineers (HSPE) announced the 2023 Hawaii MATHCOUNTS team on Saturday, March 25, 2023. The Hawaii team includes Coach Joseph Guillou of Iolani School and Mathletes Sola Murakami and Ethan Zee of Iolani, and Evan Ho and Keene Koide of Washington Middle School. They will represent Hawaii at the MATHCOUNTS National Competition. The four will be among 224 final Mathletes from 50 states, U.S. territories, State Department schools and Department of Defense schools, competing for the title Champion at the 2023 Raytheon Technologies MATHCOUNTS National Competition on May 13-16, 2023, in Florida.

The Hawaii team was determined at the 40th Annual Hawaii State MATHCOUNTS Competition at the Ewa Makai Middle School in Ewa Beach, HI on March 25, after intense competition between Mathletes from the Oahu, Hawaii Island and Maui MATHCOUNTS Chapters, which included seven finalist schools, and 52 finalist Mathletes. These 52 elite Mathletes all had a chance of competing for a Hawaii Team spot and a trip to the National. The ten highest scorers as a result of combining scores from the Sprint and Target Rounds competed in the Countdown Round with the top four Mathletes from this round making the Hawaii team. The ten competing students listed by total scores in the Sprint and Target Rounds, included in tenth place Noah Shin Punahou, ninth place Haru Greene of Iolani, eighth place Daniel York of Washington Middle, seventh place Irena Xu of Iolani, sixth place Alex Hudson of Iolani, fifth place Evan Ho of Washington, fourth place Yongwoo Kang of Washington, third place Keene Koide of Washington, second place Ethan Zee of Iolani, and in first place Sola Murakami of Iolani.

These top ten Mathletes competed in the Countdown Round in a single-elimination tournament style, head-to-head, oral round starting with the tenth and ninth place Mathletes. The math problem is read and shown on a screen and the Mathletes are given 45 seconds to answer. Calculators are not allowed. The first to press the buzzer answers first, and if wrong, the other Mathlete has the rest of the 45 seconds to answer. In the earlier matches, the first to answer more problems correctly after at least two problems are presented moves on to meet the next higher placed Mathlete. In the final three matches, the first Mathlete to answer three problems correctly moves on.

The placement of teams is determined by adding team members' individual scores from the Sprint and Target Rounds plus the Team



2023 Hawaii Team, L-R: Coach Joseph Guillou, Sola Murakami, Ethan Zee, Keene Koide and Evan Ho.



Testing in the Ewa Makai Middle School cafeteria.

Round score. Of the seven competing teams, in first place was Iolani School, and therefore Coach Joseph Guillou, for the second year in a row, has the honor of being the Hawaii Team Coach at the National in Orlando, Florida. Second place to seventh place schools, respectively, were Washington Middle School with coach Sung Park, Punahou School with coach Yun Choe, Seabury Hall and coach Conner Mullen, Mililani Middle School with coach Geri Hamada, Highlands Intermediate School and coach Deborah Nakagawa, and Paaulo Elementary and Intermediate School and coach Michael Shumate.

Our distinguished Awards presenters included Patricia Ishihara, State Mathematics Specialist, Hawaii Department of Education; Robyn Au, Chief Counsel, Honolulu District, US Army Corps of Engineers; Abigail Haneke, Maui Chapter Director, National Society of Professional Engineers; and Barry Nakamoto, President, Hawaii Society of Professional Engineers Educational Foundation. The organizations they represent have a major role in perpetuating MATHCOUNTS in Hawaii.

Hawaii MATHCOUNTS is organized and sponsored by HSPE with competition assistance



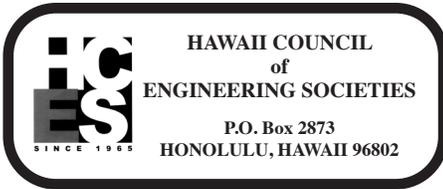
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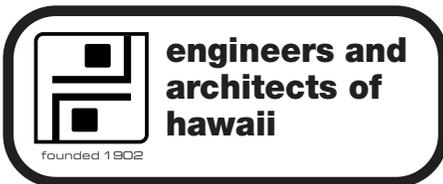
Additions and/or corrections to the Wiliki mailing list should indicate the proper society, institution or association. Corrections to email addresses should be submitted to your society coordinator.



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www.aacehawaii.com

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As a member of the Board of the Council of Engineering and Scientific Specialty Boards (CESB), AAACE International offers a range of certification levels from technician to professional to expertise level including CCT, CCP, CEP, EVP and PSP Certification Programs.

The local section, AAACE Hawaii, was originally established in 1973. It achieved both the Platinum and Gold Award for nine consecutive years 2014-2022. Our local area continues to achieve CCP, CEP, CST and PSP certifications. For more information, please visit <http://web.aacei.org/certification> and our local website www.aacehawaii.com.



May Program Chair: Lee Mansfield Two Time Past President (93 & 99), Manager Hawaii American Water returns as May Program Chair

Friday May 12 Program TBA

Friday May 26

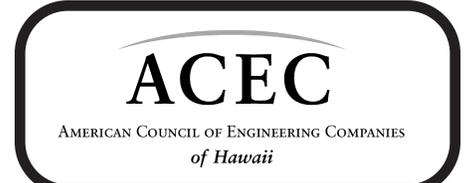
Speaker: Bill Bonnet – 1977 Past President and Retired Hawaiian Electric Executive

Topics:

Underground Atomic Testing: where, when, and why. The tunnel complexes and individual tunnel design. A short tutorial in header and bench tunneling and the art of drill and blast techniques. Bill's personal experience in the summers of 1962 and 1963.

Operation Plowshare: potential peacetime uses of atomic blasting and the role of the Sedan Shot (last surface test) in that program. Description of the North American Water and Power Alliance as a prospective application.

The Rover Program: objective was to design and build a nuclear reactor which could be used as a rocket engine. Phases of the program: Kiwi (reactor design), and NERVA (test stand design and construction). Difficulty of using liquid hydrogen as both coolant and propellant. Metallurgy (temperature gradient) challenges associated with a reactor core next to almost absolute zero liquid hydrogen. Unique constraints in construction of a test stand in a radioactive environment. Bill's observations from the summer of 1964.



ACEC Hawaii

Website: www.acechawaii.org

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ACECH Joint State-City-Counties Symposium

The ACECH Joint State-City-Counties Symposium will be held on Tuesday, May 16, 2023 from 11:00am – 6:00pm at the Japanese Cultural Center. The Symposium includes a hosted lunch and pau hana, along with 15 breakout sessions with various agencies from the City & County of Honolulu, State of Hawaii, County of Maui, County of Kauai and County of Hawaii agencies.

The event is open to both ACECH members, non-members, and government employees. A limited number of sponsorships are available to ACECH member firms. Please visit acechawaii.org for more information and to register.

Sam O. Hirota, Inc. to Receive National ACEC Engineering Excellence Award

Congratulations to Sam O. Hirota, Inc. and their project "Documenting Hawaii's Art in Architecture Program", which will receive a national American Council of Engineering Companies (ACEC) Engineering Excellence Award (EEA) at their upcoming EEA Gala on June 13 in Washington D.C. The project, which also received the 2022 ACEC Hawaii EEA Grand Conceptor Award, included the generation of a 3D model of "Cascade", the monumental fountain sculpture at the Prince Jonah Kuhio Kalaniana'ole Federal Building and U.S. Courthouse. Sam O. Hirota, Inc. was selected by the General Services Administration to assess the deteriorating fountain's condition with hopes that it can be revitalized. Digital capture of such a large, detailed object like Cascade had previously never been attempted.

Follow us on our social networks @ACECHawaii on LinkedIn, Instagram, and Facebook for more ways to reach us and stay updated with upcoming events, programs and community support.



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email: clum@ascehawaii.org
YMF Pres.: Brandon Uejo, P.E.
email: president.ascehawaiiyfm@gmail.com

EXECUTIVE COMMITTEE MEETING

Last held: April 4, 2023
Next meeting: May 2, 2023

ASCE HAWAII SECTION DINNER MEETING

We will keep you informed via e-blasts and/or notices posted on our website at ascehawaii.org with the meeting information and schedule.
Cost: (RSVP via Eventbrite)

COMMITTEE POSITIONS

ASCE Hawaii is looking for volunteers for various committee positions, including Advocacy Captain, Report Card Committee Members, and Water Resources Chairperson. If you are interested or have questions on any of these positions, please contact President Reyn Hashiro, rhashiro@ascehawaii.org.

MEMBERSHIP

If you haven't already done so, please renew your ASCE membership, which includes 10 free PDHs. You can renew your membership at www.asce.org.

ASCE HAWAII SECTION STUDENT SCHOLARSHIPS

Please help us increase our scholarship endowment so that we can recognize deserving students. We continue to accept tax-deductible donations with the goal of increasing the annual scholarships. Make your check payable to 'ASCE Hawaii Section' and include the note 'Walter Lum Scholarship Fund' and mail to: ASCE Hawaii Section, P.O. Box 917, Honolulu, HI 96808-0917. If you have any questions, please contact Steven Doo at sdoo@ascehawaii.org.

ASCE GOLF TOURNAMENT

Save the date for this year's tournament, currently planned to be on Friday, August 4, 2023.

ASCE JOB LISTINGS

The following job listings are currently posted on the ASCE Hawaii Section website:

- **Bowers & Kubota** (Civil Designer I, Civil Designer II, Civil Designer III, Civil Engineer)
- **Oceanit**
- **HDR, Inc.**

For further information, please visit <http://www.ascehawaii.org/job-listings.html>



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president.ascehawaiiyfm@gmail.com
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treasurer.ascehawaiiyfm@gmail.com
John Kim, Secretary
secretary.ascehawaiiyfm@gmail.com
Claire Fukuoka, Past President
pastpresident.ascehawaiiyfm@gmail.com

YMF General Meeting

The next YMF general meetings will be in-person on Thursday, May 4, 2023, at 6:00 PM and Wednesday, June 7, 2023, at 6:00 PM. Please check our website, social media channels, or weekly eblast for the latest information on our upcoming general meetings and events. If you are interested in attending and learning more about the various professional, social, and service opportunities available through YMF, please contact YMF at yfm.hawaii@gmail.com.

2023 Hawaii State MATHCOUNTS Competition

By Lauren Hill, Meagan Nakamoto, Kristin Hamaguchi, Daniel Koge, and Nick Kam, Community Service Chairs and Outreach Chairs

On Saturday, March 25, 2023, twelve members from the Hawaii Section ASCE YMF volunteered at the 2023 Hawaii State MATHCOUNTS Competition. The competition was held at Ewa Makai Middle School, and competitors included five Oahu school teams plus 35 individuals competing with Mathletes from the two outer islands. ASCE YMF members helped with scoring the competition test results from both team and individual competitors. Thank you to all the ASCE YMF volunteers who attended and helped the competition run smoothly!



ASCE YMF Job Shadow Program

The Job Shadow Program is looking for students and industry professionals interested in becoming a mentee/mentor. Your interest and participation in this program will provide a valuable experience that will help guide students toward a successful path beyond graduation! If you have any questions and/or want to sign up*, please email the Job Shadow Program directly at yfmhawaii.jobshadow@gmail.com

*Note: Information collected will help the Job Shadow Program pair mentor(s) and mentee(s) up based on their experience and interest.

2023 PE Exam Update

The PE Exam is now computer-based, with appointments available year-round at Pearson VUE test centers. Information about how to register for the exam and purchase study materials can be found on the YMF website: <https://ascehawaiiyfm.org/pe-exam-information>

Online PE Refresher Course

The Hawaii YMF has partnered with Pathceed, an online PE Exam refresher course that covers the breadth portion of the civil engineering exam. This course features 12-hours of on-demand course materials that may be accessed for a 6-month period and a one-time free access should you not pass the exam. Curious, but want a sample of the course? You can check out a free 1-hour lesson before committing to the program! The course cost is \$289, and we offer ASCE Hawaii YMF members a \$40 discount when registering. If you are interested in signing up for this course, please contact us at yfm808.pecourse@gmail.com for more information.

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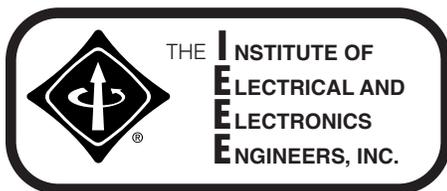
President: Keoni Wasano
keoni@goldwings-supply.com
 Vice Pres.: Mike Motoki
 Sec/Treas: Michelle Agustin Lindsey

In April, we had a Virtual ITE Hawaii Section Meeting on Wednesday, April 26, 2023. Our guest speaker was Planner and Principal at W-Trans, Brian Canepa. His presentation was on no minimum parking requirements.

Save the date! Join us for virtual technical sessions on May 17, 2023 brought to you in partnership with our industry partners. Some of the information can be found on our website at <http://ite-hawaii.org/technical-solutions-event/>. Additional information to be provided soon.

Registration for the 2023 Joint ITE International and Western District Annual Meeting on August 13-16, 2023 in Portland, Oregon is now open! This year's theme for the Joint ITE International and Western District Annual Meeting and Exhibition is Connecting People and Communities. This meeting will take place in the Oregon Convention Center (OCC) and its headquarters hotel, the brand new Hyatt Regency hotel, just across the river from downtown Portland. The OCC and hotel are steps from Portland MAX light rail, convenient to many local and regional attractions, and a gateway to the Pacific Northwest, making it a great opportunity for both individual and family travel. For more information and registration, please visit <https://www.iteannualmeeting.org/>.

If you would like to be added to the ITE mailing list, please email Michelle Agustin Lindsey at magustin@wilsonokamoto.com.



IEEE Hawaii Section

2022 Officers

Chair: Roxanne Birch
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 Student Activities: Aaron Ohta
 Student Rep: Gwyneth Raquepo
 HCSE Liaison: Eugene Chang

Tuesday, May 2, 5:30pm, Entrepreneurs Sandbox, Free

Starlink: Promises and Measured Reality
 Abstract, Speaker's bio, and registration info: bit.ly/3IQz3D7

Wednesday, May 17, 6:30pm, Holmes Hall rm 244, UH-Manoa, Free

HECO Integrated Grid Plan: A Pathway to a Clean Energy Future

Abstract, Speaker's bio: bit.ly/41A5GM



www.asme-hi.com

ASME-HI 2022-2023 Officers

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 Secretary: Raymond Liu
 Treasurer: Kevin Dang
 Member-at Large: Shaun Ildefonso
 Ed Chang
 Justin Souza
 Student Advisor: Dr. Woorhul Lee

ASME-HAWAII 2023-2024 EXECUTIVE COMMITTEE ELECTION

ASME Hawaii Section is having election of officers for the next ASME fiscal year from July 2023 to June 2024. The leadership team includes the Section Chair, Vice-Chair, Treasurer, Secretary, and three Member at large. Google Form link to vote for officers below,

<https://docs.google.com/forms/d/e/1FAIpQLSe2a05q0p3mRMytr1cJTajEFv7QfvS29KRzJYRhNPHKu8OVJg/viewform?vc=0&c=0&w=1&flr=0>

Deadline to Vote is April 28, 2023.

Please send inquiries to us at ASMEHawaii@gmail.com.

FRANCIS RHODES MONTGOMERY DESIGN COMPETITION JUDGES

ASME seeking volunteers to judge the UH Manoa mechanical engineering students design competition that serves as their senior design project. Competition to be held during the first week of May 2023. Please contact us if interested. Volunteer commitments needed no later than April 28, 2023.

MARCH 31, 2023 GENERAL MEMBERSHIP MEETING NOTES

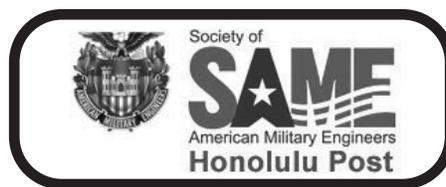
- Preparation for the Spring 2023 Francis R. Montgomery Design Competition.
- 2023 - 2024 ASME Executive Committee nominations for upcoming term. Voting will take place in April.
- ASME-Hawaii next general membership meeting will take place on April 21, 2023 at 5:30 pm.

NEXT MEETING

Friday, May 26, 2023 at 5:30 pm. Please contact us if interested.

REQUEST FOR SPEAKERS

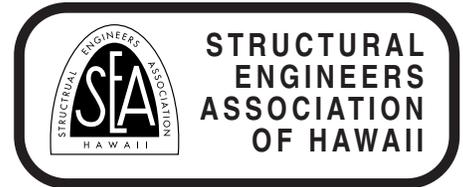
ASME welcomes guest speakers to present any topic during our general meetings. If interested in presenting, please contact ASME.



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cmeierhoffer@baseengr.com

Previous BOD Meeting

April 5, 2023

Upcoming Events

For all events see seaoh.wildapricot.org. Look for email flyers for registration of upcoming events.

2023 SEAOh Convention

SEAOh is partnering with the Structural Engineers Association of California (SEAOC) to host a joint convention on Maui scheduled for September 6 – 9, 2023 at the Hyatt Regency Maui Resort in Ka'anapali. Any questions, please contact Craig Meierhoffer cmeierhoffer@baseengr.com.

SEAOh Website

SEAOh is excited to announce the launch of our new website and logo. Please check it out at seaoh.wildapricot.org.

Membership

The following membership application has been approved:

- Karim Mostafa, WJE, Associate Member

The following new membership application was received:

- Lisa Kim, Masonry Institute of Hawaii, Affiliate Member

Please contact any SEAOh Board Member by June 5, 2023 to file comments regarding the new applicant.

Next Meeting on Wednesday, June 7, 2023.

For information, contact SEAOh President Mike Greer at mgreer@wje.com.

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VP/Membership	Wesley Ishizu
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Advisor at Lge, Coast Guard	LCDR Kyle Ensley, USCG
Advisor at Lge, Navy	LCDR Mike Yoshihara



2023 Hawaii Team flanked by award presenters, L_R: Abigail Haneke, Barry Nakamoto, Coach Joseph Guillou, Sola Murakami, Ethan Zane, Keene Koide, Evan Ho, Robyn Au, and Patricia Ishihara.

MATHCOUNTS, from Page 1

from Hawaii educators and engineers. Hawaiian Electric Company, Covanta Energy, Armed Forces Communications and Electronics Association, and Bowers + Kubota Consulting sponsored the 2023 MATHCOUNTS Oahu Chapter and State Competitions with a grant to the HSPE Educational Foundation.

MATHCOUNTS competition day activities require lots of volunteers for set up, proctoring, scoring, tallying and clean up. Besides the MATHCOUNTS Hawaii Steering Committee, volunteers came from the US Army Corps of Engineers, ASCE Young Member Forum, ASCE Student Section, JCI Honolulu, and Ewa Makai Middle School staff. Thanks to the Ewa Makai Middle School for hosting the state competition. Their facilities were perfect for the state competition and most likely very fitting for a chapter competition.

The 2023 Raytheon Technologies MATHCOUNTS National Competition activities will occur on May 13-16, 2023, in Orlando, Florida at the Hilton Orlando Lake Buena Vista, with the written competition on May 14 and the Countdown Round the following day. Safe trip and good luck to our Hawaii team.

Registration Open for Hawaii WASHTO 2023 Conference



reduction goals, ensuring safety and equity for all transportation users, and more.

We encourage you to secure your spot today and join us for this rare opportunity as the HDOT hosts WASHTO 2023. We look forward to seeing you as we come together to build a more resilient transportation future.

Aloha kākou! The Hawai'i Department of Transportation (HDOT) is excited to announce that registration for the 2023 Western Association of State Highway and Transportation Officials (WASHTO) Conference is open at www.washto2023.com. The conference will be held from June 4th to June 7th at the Hilton Hawaiian Village!

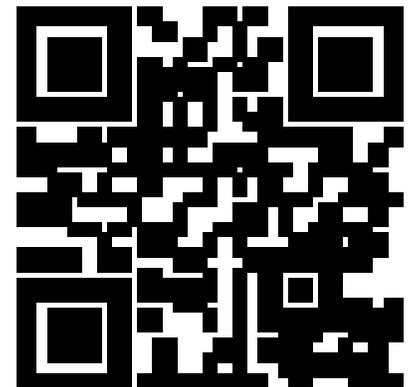
The conference will feature technical session tracks on safety, equity, resiliency, and sustainability to support the conference theme, "Building our Resilient Future Today." Presentations, panels, and technical tours will include discussions from local and national experts on addressing uncertainty, data innovation, emerging technologies, asset management, greenhouse gas

Examples of sessions included on the program:

Getting to Mission Zero – A panel discussion with HDOT and Texas DOT on use of multimodal data to plan engineering countermeasures and other targeted vision zero strategies.

A framework for reducing GHG emissions in Colorado – Colorado DOT and Cambridge Systematics will present a case study on their Greenhouse Gas Pollution Reduction Planning standards.

Equity in EV Planning: Strategies that work – This breakout session will feature current best practices for equity in EV analysis used in Rhode Island, Nevada, Ohio, and Colorado.



Scan QR code to view conference program, registration, and other information.

Professional Directory

<p>Tim Waite, P.E. Sr. Territory Manager Mobile: 808-479-1216 Email: twait@strongtie.com Simpson Strong-Tie Co., Inc.</p>	<p>SSFM INTERNATIONAL www.ssfm.com</p>	<p>WPT WALTER P. THOMPSON, INC. SURVEYING & MAPPING 720 IWILEI ROAD SUITE 425 P.O. Box 3351 HONOLULU, HI 96801 PHONE: (808) 536-2705 FAX: (808) 599-4032</p>	<p>R. M. TOWILL CORPORATION SINCE 1930 Civil Engineering Wastewater Engineering Surveying & Mapping Planning Construction Management Project Management</p>
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