

NSPE-California President's Update

Dear California Engineers,

Summer months mean the end of the operational year at NSPE and NSPE-California, annual points of change, reflections on growth, opportunities to continue promoting the voice of PEs in California.

Two big dates for us this summer are in June and July:

Saturday June 22, 2019 - NSPE-California Year End Membership Meeting at Google

- For those of you living in the San Francisco Bay Area, or if you happen to be passing through town, we invite you to join our state-wide end of year meeting, hosted at Google.
- The meeting will include our formal NSPE-California and NSPEE/ CSPE Education Foundation joint board meetings (open to all NSPE members)
- We'll also be celebrating some end of year milestones with our current leadership team as we welcome in the new officers for 2019-2021
- If you'd like to take part in how NSPE-California runs behind the scenes, we welcome you to join us! Registration is free for NSPE members. Please register at this link with your current NSPE membership number by 5:00 PM Pacific, **Thursday, June 20**. <<https://forms.gle/t1pBC3HE5kvse9A29>>

Saturday July 17 - 21, 2019 - #PECON19 - NSPE's Premier National Meeting, this year in Kansas City

- Join NSPE-California as well as our other family of societies across NSPE at NSPE's annual meeting, PECON 2019!
- In addition to technical sessions, case studies and networking, PECON is also NSPE's single largest gathering of our House of Delegates, which convene at the end of each annual meeting to discuss and vote on NSPE-wide initiatives.
- The NSPE-California team spends this time crossing paths with our colleagues from other NSPE State Societies, sharing best practices, and breaking bread together.
- Registration for PECON19 is here: <https://www.nspe.org/resources/2019-professional-engineers-conference>

Summer is your chance to engage with NSPE across the entire Society and have a voice in how those initiatives impact us here in the Golden State. We look forward to seeing you out there.

Regards,
Austin

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Austin S. Lin, State President (2017-19)
Your California State Society of NSPE
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Self Driving Cars & California

Jeanne Marie Tokunaga, the Executive Director for NSPE-California, recently attended the California DMV's public hearing on self driving cars, or autonomous vehicles (AV).

While California has already adopted preliminary regulations on AVs, this hearing sought public input on proposed amendments to existing regulations.

Key highlights were from Jeanne Marie's visit:

- The amendments include allowing the testing or deployment of a "light duty" motor truck weighing less than 10,001 pounds and prohibiting manufacturers from receiving a fee during testing to prevent testing itself from becoming a revenue source.
- There were several industry sector, travel and union representatives in attendance and each discussed the positive and negative impacts of AVs on current economic infrastructure, from self-driving trucks to rideshare app companies.

Previously, NSPE had published its document: NSPE Autonomous Vehicles: A Public Regulatory Policy Guide. But with regards to this hearing, the proposed amendments were focused specifically on the enterprise applications and impact of AVs and very little was discussed with individual consumer use cases.

Share Your Expertise, Raise Your Visibility, Grow Your Professional Brand: Become a speaker in our 2020-21 NSPE-California Events Program!

Do you have a topic you would like to present to your fellow California Engineers? Submit your proposals here: <https://goo.gl/forms/kPITTZOqGGcjPwrv2>

Our continued themes:

I. The Path to Licensure and the Future of the PE

II. The Impact of Emerging Technologies on PE Licensure

III. Lawyer Engineer: At the Intersection of the State Regulations, Public safety and Professional Engineering

IV. California Projects: Success Stories and Lessons Learned from Projects Across the Golden State

If you have a topic that you would like to share in any of these areas, reach out via this form

<https://goo.gl/forms/kPITTZOqGGcjPwrv2>. We will have a rolling application process and an option to present locally in person at your home region or virtually.

We can't wait to hear about what our California Engineers have to share with the rest of the engineering profession!

Up for a Leadership Challenge? Announcing New Openings for Regional Leadership Roles representing Northern California, Monterey and San Luis Obispo/ Central Coast

Are you an NSPE-California interested in a high-visibility leadership role?

We're looking for a current NSPE volunteer member who would be up for the challenge of organizing and leading PE events in these local regions:

- Monterey Peninsula Region
- Central Coast Region (covering San Luis Obispo / Paso Robles and surrounding areas)
- San Francisco Bay Area
- Greater Sacramento Area

Up for the challenge? [Introduce yourself to us here!](#)

Leadership Benefits to Participants

- The role provides the opportunity for ambitious individuals with a passion for project management, networking and technical development to broaden their professional scope, become the face of NSPE-California in the region and help energize and connect local Professional Engineers and EITs to one another.
- A great way to grow your personal brand while gaining practical leadership skills outside of your daily work commitments.

Responsibilities

- All the exposure and volunteer experience of leading a regional technical non-profit without the excess bureaucracy.
- Manage a budget which funds local member-value driven activities

- Plan and host local speakers, ranging from mini-conferences and dinner events to informal coffee meetups in the region
- Serve as a representative of your region to the NSPE-California Board of Directors, with visibility to NSPE National.

Minimum Qualifications

- NSPE member in good standing with membership dues up to date for the current fiscal year (July 1, 2018 - June 30, 2019)
- Holds an EIT or PE license (in any state)

NSPE-California Community

As a valued member of CSPE, we invite you to participate in our new online members-only community discussion board for California Engineers. We'll be using this spot for introductions and discussion topics ranging from artificial intelligence, PEs and emerging technologies, and other local issues important to California Engineers.

Engineering, Law, & Technology (EL&T)

NSPE's Monitoring Page for legislation that may negatively impact professional licensure is here: <https://www.nspe.org/resources/issues-and-advocacy/action-issues/threats-professional-licensure>

California Team Places Third at National MATHCOUNTS Competition

Congratulations to the outstanding mathletes who represented California in the 2019 Raytheon MATHCOUNTS National Competition that took place May 11–14 in Orlando, Florida. Eighth graders William Chen, Alan Lee, Eric Shen, and Andrew Wen and Coach Peta-Gaye Robinson placed third in the team competition.

In addition, three of the California team members ranked among the top individuals:

- William Chen was a quarterfinalist
- Eric Shen was a Countdown Round participant
- Andrew Wen ranked 27th overall.

[Read the full story.](#)

Complete the Engineering Team With NICET Certification

In the late 1950s, as the US came to rely more heavily on machines and automation, technically skilled workers who could support the work of engineers were in high demand. In 1961, NSPE rose to the challenge by forming an

organization to certify technicians and technologists.



But even though technicians have been an integral part of the engineering team and NSPE since then, that organization—the National Institute for Certification in Engineering Technologies—is not always understood by PEs. A well-attended, NSPE-sponsored webinar on May 29 provided the full picture.

During the webinar, “[Quality and Safety Through a Qualified Engineering Team](#),” NICET Communications Director Chip Hollis detailed the institute’s operations and the technician’s role on the team. NICET was founded to recognize the qualifications of technicians. Its focus, Hollis explained, helps ensure a qualified engineering workforce, certifying both engineering technicians and technologists in areas such as construction materials testing, transportation construction inspection, electrical power, fire protection, and security systems.

Don't Miss This Upcoming Webinar



Stay current with essential professional development opportunities through NSPE webinars. Members receive a special rate on the upcoming live webinar:

On **June 26** at 2 p.m., the webinar [The Saint Joseph Water Crisis – Lessons Learned in the Age of Deteriorating Water Infrastructure](#) will focus on a water crisis in Saint Joseph, Louisiana, which lends many lessons related to the difficulties faced by small and large water systems in rural environments. In this session, David A. Martin, P.E., will present an overview of the state of the town’s water system prior to and after construction, as well as an overview of the new treatment process and applicability to other aquifer systems. Additionally, participants will be presented with the lessons learned during the crisis, including regulatory involvement, use of multiple funding sources, early owner procurement of long lead time equipment, and alternate project delivery.

Don't Miss...

- [Exemptions to Engineering Licensure Laws](#). NSPE has updated this report, with information current as of May 2019. It is free for members.
- [Take Action on Licensure Exemption Bills](#). It's imperative that lawmakers hear from their professional engineering constituents who [support bills](#) in the US House and Senate targeting licensure exemptions in public utility pipeline work.
- [PECON at a Glance](#). Take a look at the lineup of activities and educational sessions taking place at the 2019 Professional Engineers Conference in Kansas City.

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