

## Quarterly Region 6 eNotice – Summer 2018

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# Region News and Events

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## *IEEE Women in Engineering Leadership Summits*

*May 20<sup>th</sup> - Santa Clara, California | August 7<sup>th</sup> - Los Alamos, New Mexico*

On May 20, the day before WIE-ILC, Qualcomm and Region 6 are hosting a leadership summit in Santa Clara, CA and open to all interested in [IEEE WIE](#). Come learn from others as they share how to start a WIE Affinity Group, steps for effective programs, networking and communicating across WIE groups and more. Working to inspire, engage and support women in engineering throughout the region! All welcome to join in the discussion. Coming up on August 7, a WIE Leadership Summit is offered in Los Alamos, NM emphasizing the special interests of Women in Government. Contact IEEE Region 6 WIE Coordinator [Kathy Herring Hayashi](#) for more information.

Looking for some WIE inspiration? Check out Kathy Herring Hayashi's story on how she got involved from a recent issue of [The Institute](#).

## *IEEE Young Professionals Pacific Northwest (PNW) Conference*

*August 4-5, 2018 | Vancouver, BC Canada*

After a successful hit in 2017, IEEE YP Pacific Northwest (PNW) Conference is back again this year. This year's joint region event will be hosted by IEEE YP Vancouver (BC, Canada) in Vancouver on 4th August 2018. This will be one day conference followed by fun activity on Sunday morning on 5th August 2018. Region 6 is encouraging all Sections to send their YP leaders to learn and network with other YP leaders of Region 6 and Region 7. Please contact your [Region 6 YP Representative](#) if you are interested to participate in this event.



## *Funding Available for Your Local Young Professionals Activities*

YP Affinity Groups are eligible to receive over \$2750 funding this year. They can apply for funding following the instructions on IEEE-YP [website](#). This funding can be used to support events like STEP (Student Transition and Elevation Partnership), Meetups or social events or implementing a new program that can benefit local YP members. Funding is decided based on the nature of the event. All information is present on the website provided above. Please get approval for the funding before organizing the event. This funding is not guaranteed for every section, but it is on first-come, first-serve basis.



## *Educational Activities – K-12, University, & Continuing Education*

The IEEE Educational Activities Board (EAB) has several programs intended to serve the educational pursuits of IEEE members, the engineering/scientific communities, and the general public, which can be found [here](#). These programs include pre-university as well as continuing education for professionals. To listen to the Webex recording link for Educational Activities (EA) Volunteer Orientation (1/29/2018) click [here](#). For additional information please contact [Mostafa Mortezaie](#), Region 6 Educational Activities Chair.

### *Call for Participation May 21<sup>st</sup> – June 22<sup>nd</sup>: 2018 IEEE Volunteer Leadership Training Program (VoLT)*

The MGA Training Committee is pleased to announce the launch of the 2018 Volunteer Leadership Training Program (VoLT). The program enters its fifth year of implementation after graduating over 180 graduates since 2013, representing all IEEE geographic Regions.

Track 1 - IEEE volunteers are invited to participate in Track 1, which covers the core organizational units of IEEE and provides a key foundation knowledge of the organization. The eight courses can be found in the IEEE Center for Leadership Excellence (CLE) [website](#). Participants will need to complete a short quiz at the end of each session. If you are interested in participating in the 2018 VoLT Program you should complete these courses between May 21 and June 22.

To access Track 1 courses, [log into the CLE](#) with your IEEE account starting May 21 and click on the “VoLT Program” icon to begin. Volunteers who complete Track 1 within the dates listed above can apply for consideration for Track 2. [Email VoLT Staff](#) with any questions.

## *Professional Activities*

The goal of the PACE (Professional Activities Committees for Engineers) is to promote the professional interests of U.S. IEEE members, as well as to provide a mechanism for communicating members' views on their professional needs. Funding is available to Sections of Region 6 who plans to conduct PACE projects in the following areas: Pre-University (K-12 STEM), Students Professional Awareness Experience (SPAx), Government Activities, Career/Employment, and Technical Policy Activities. For additional information please visit the [PACE website](#), or contact [Mostafa Mortezaie](#), Region 6 PACE Chair.

## *Humanitarian Activities – 2018 Calls for Proposals*

Both the [IEEE Humanitarian Activities Committee](#) (HAC) and the [IEEE Special Interest Group on Humanitarian Technology](#) (SIGHT) is tasked with advancing the vision of IEEE volunteers around the world carrying out and/or supporting impactful Humanitarian Activities at the local level – i.e. “feet on the ground.” IEEE HAC is currently inviting proposals for Sustainable Development and Humanitarian Technology related projects aligned with this vision. The committee will review proposals during 2018 and expects to fund a minimum of 4 – 5 proposals with budgets between US\$20,000 and US\$60,000. IEEE SIGHT meanwhile is funding proposals with budgets between \$1000 and US\$19999. Proposals should address one or more [UN Sustainable Development Goals](#) (SDGs) in a major, impactful way will be prioritized for funding. Proposals should take a holistic, community-based approach taking account of relevant environmental, cultural, socio-economic & infrastructural issues and policy priorities. **Submission deadline is June 30, 2018.**

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# Awards & Recognition

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Across IEEE, awards recognize technical professionals for exceptional achievements and outstanding contributions. Awards provide recognition for individuals and also can recognize great organizations that have advanced technology and the profession for humanity. *Nominate today for these prestigious awards.*

## **May 21<sup>st</sup> Deadline (Extended):**

- MGA William W. Middleton Distinguished Service Award (MGAs highest award and only given out every three years)

## **May 28<sup>th</sup> Deadline (Extended):**

- Educational Activities Board Awards ([View](#))

## **June 15<sup>th</sup> Deadline:**

- Theodore W. Hissey Outstanding Young Professional Award ([View](#))

## **July 1<sup>st</sup> Deadline:**

- All Region 6 awards are due July 1. The submission portal is still under development and instructions will be sent out as they are received. In the meantime, please visit the Region 6 [website](#) to find a listing of all available awards. Please start identifying candidates and obtaining two letters of endorsements, if required.

## **September 9<sup>th</sup> Deadline:**

- IEEE-USA Awards for Contributions to the Profession, Student Professional Awareness, and K-12 STEM ([View](#))

## **October 15<sup>th</sup> Deadline:**

- MGA Larry K. Wilson Transnational Award
- MGA Innovation Award
- MGA Leadership Award
- MGA Achievement Award
- MGA Young Professional Achievement Award

To find out more about these awards and to submit an online nomination, click [here](#).



Pictured from left to right: Jose Moura, IEEE President Elect; John Meredith, Past President of IEEE USA; Loretta Arellano, IEEE Haraden Pratt Award; Kathleen Kramer; Mark Davis, IEEE Dennis J. Picard Medal; Jim Jefferies, IEEE President; Steve Welby, IEEE Executive Director

**Loretta Arellano receives the IEEE Haraden Pratt Award at the IEEE Honors Ceremony in San Francisco on May 11, 2018.**



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## Region IEEE Historic Milestones

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### *Milestone: Electric Lighting of the Kingdom of Hawaii 1886-1888*



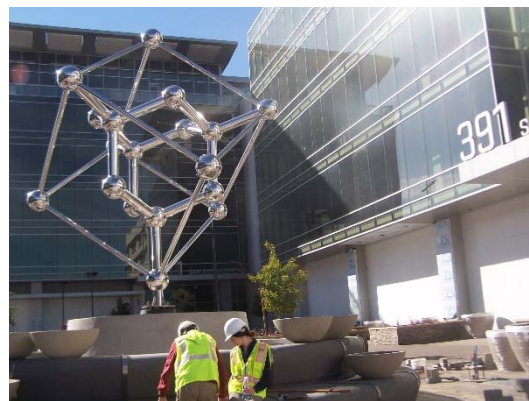
The IEEE Milestone, Electric Lighting of the Kingdom of Hawaii 1886-1888, was dedicated on March 23, 2018. A full article about this milestone in IEEE Spectrum entitled “Edison and the King: How Hawaii Became Electrified” by Allison Marsh can be read on the IEEE Region 6 website.

Photo courtesy of Friends of Iolani Palace - March 23, 2018 at the Iolani Palace in Honolulu.

### *Major Blockbuster Event: Dual IEEE Historic Milestones*

*August 15, 2018 | Mountain View, California*

On August 15, 2018, the IEEE will be producing a major dual milestone event celebrating the Birthplace of Silicon Valley (Shockley Labs) and Moore’s Law. It will begin in the afternoon in the plaza of the new San Antonio Village, in final stages of construction, and continue with an evening at the Computer History Museum. In the afternoon, at the outdoor stage within the plaza, there will be a group of speakers, headlined by Jim Gibbons of Stanford University and supported by our president, Jim Jeffries, who will unveil the Birthplace plaque. Our IEEE milestone plaque for Moore’s Law is embedded in the Silicon Molecule Fountain, within the plaza.



Following the afternoon program, the evening will focus on the present and future of semiconductors, with emphasis on Moore’s Law. Moore’s Law gave us the forecast of the number of transistors on a chip over time. This was the underpinning of the business model for the growth of Silicon Valley. The headliners will be speakers from Intel and ARPA, and the program will include a short presentation by our past IEEE President, Karen Bartleson, unveiling the Moore’s Law plaque.

Both the afternoon and evening events will be free. The afternoon event will concentrate on Shockley Labs and highlight the metal sculptures that are within Mountain View’s, San Antonio Center, Phase II. The afternoon stage will be in the plaza and will be open to all, without a need for reservations.

The evening event is by reservation only and will be held at the Computer History Museum in Mountain View. Reservations will become available through the [eGRID](#) in June 2018.

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# Conference Highlights

There are 57 conferences being held across the Region in the next few months. Click [here](#) to find one near you!  
We picked a few to highlight below.

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## IEEE WIE ILC

May 21 – 22, 2018 | San Jose, California



Launched 4 years ago, the IEEE Women in Engineering International Leadership Conference (WIE ILC) provides professional women in technology, whether in industry, academia, or government, the opportunity to create communities that fuel innovation, facilitate knowledge sharing and provide support through highly interactive sessions designed to foster discussion and collaboration. WIE ILC focuses on providing leading-edge professional development for mid-level and senior women. More information is available [here](#).

## Blockchain Healthcare Workshop

May 24 – 25, 2018 | San Diego, California

### The “Healthchain”

Explore application of blockchain technology to the unique challenges in healthcare during a 1.5 day workshop on May 24-25th

### Healthcare Verticals

Focus of blockchain use in healthcare verticals of pharmaceutical supply chain, medical device, clinical trials, and genomics

### Workshop Format

Focus on practical and professional development along with applied learning through design workshop

More information on this workshop can be found [here](#).

## 2018 IEEE 1<sup>st</sup> 5G World Forum (5GWF'18)

July 9-11, 2018 | Santa Clara, California



IEEE, the world’s largest professional organization advancing technology for humanity, is hosting the 1st Annual IEEE 5G World Forum (5GWF'18) July 9-11, 2018 in Santa Clara, CA, USA. This unique event is designed to examine key critical 5G innovations across technologies that will alter the research and application space of the future. [More information](#)

## 2018 IEEE Global Humanitarian Technology Conference

October 18-21, 2018 | San Jose, California



# GHTC 2018

IEEE Global Humanitarian Technology Conference  
DoubleTree By Hilton San Jose, California, USA — October 18 – 21, 2018

Now in its 8th year, the IEEE GHTC is an international flagship conference on the application of technology to meet the needs of underserved populations around the world and in support of United Nations Sustainable Development Goals (UNSDG). More information can be found on their [website](#).

## 2018 IEEE Technology Time Machine

October 31 – November 1, 2018 | San Diego, California

The [2018 IEEE Technology Time Machine](#) will be held on October 31-November 1, 2018 in San Diego, CA. The IEEE Technology Time Machine is the IEEE's flagship conference on future technology directions. The overall theme of TTM 2018 is "Beyond Tomorrow." Building upon the IEEE's major technology initiatives, TTM 2018 will bring together renowned experts from research and industry to provide an overview of various technologies and explore how they may be leveraged "beyond tomorrow" through their research, products and services. Participants will not only get a glimpse into tomorrow but also see its relevance to today.



## 2018 IEEE Conference on Technologies for Sustainability

November 11-13, 2018 | Long Beach, California

# SusTech 2018

The 6th Annual IEEE Conference on Technologies for Sustainability (SusTech 2018) is designed to explore the development and application of science, engineering and technology in achieving a sustainable lifestyle for humanity. Please click [here](#) for more information.

## 2019 IEEE Rising Stars Conference

January 4-6, 2019 | Tropicana Las Vegas

As a premier event within IEEE Region 6 (Western USA), IEEE Rising Stars Conference is designed to inform, excite, enthuse, and enlighten the top engineering young professionals and students. The conference brings together the most promising students and young professionals around the world to network and be inspired by each other. The program includes interactive events, competitions, technical innovation talks from industry experts, networking opportunities and professional development. Registration for 2019 Rising Stars will open in July 2018. For up-to-date information, please visit [ieee-risingstars.org](#).



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# IEEE-USA

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## IEEE Congressional Visits Day

*Tom Coughlin, IEEE-USA President Elect, Past Director IEEE Region 6*

On May 9, 2018 several folks from Region 6 attended the SET Congressional Visits Day in Washington DC (<https://ieeusa.org/advocacy/cvd/>).

There were over 60 IEEE members participating from throughout Regions 1-6. We spent a day of training on how these visits work, what is the most effective way to do such a meeting (usually with legislative staff) and what IEEE-USA's official policy positions are. I was one of four participants from CA. Below is a picture of the CA participants with Zoe Lofgren, Congressperson from the 19<sup>th</sup> district in California (which includes much of Silicon Valley).

**California 2018 CVD Participants from California with Zoe Lofgren (CA-19<sup>th</sup> District Representative [Left to right: Upkar Dhaliwal (San Diego), David Gonzalez (Inland Empire), Zoe Lofgren (Congresswoman for CA 19<sup>th</sup> District), Tom Coughlin (Santa Clara Valley) and Kenneth Kitlas (Oakland East Bay)]**



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## TryEngineering Summer Camps

*July 1-14 & July 15-28 | UC Riverside, California*

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Are you looking to send your children to an unforgettable summer camp experience? IEEE Educational Activities TryEngineering Summer Camps are designed to challenge and inspire students, aged 12–17, to explore academic and career paths in engineering. In Region 6, the Camps will be held at UC Riverside. Program dates are: Session 1: 1-14 July 2018, Session 2: 15-28 July 2018. For more information please visit the TryEngineering Summer Camps [website](#).