IEEE Region 6 Western USA

Quarterly Region 6 eNotice, May 2018

Region News and Meetings

IEEE Region Meetings

IEEE Region Meetings are held throughout the year, kicking off with the region-wide meeting on the first weekend in February. Each spring and fall, our five areas meet with section leadership and student branch leadership to gather and discuss issues that relate to member and student member activities, officer training, networking, sharing ideas, and providing a venue to collect needs and ideas from across the area to make the IEEE experience better than ever. Save the date for your own area meeting coming this fall:

- October 6 in Spokane, WA
- October 13 in Salt Lake City, UT
- October 20 in Santa Cruz, CA
- October 27 in Albuquerque, NM (View)
- November 10 in Long Beach, CA (View)

Call for Participation: 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.

Educational Activities

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.

Professional Activities Committee for Engineers (PACE)

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 Call 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.

Young Professional Activities
Funding for YP Chapters from Global YP

YP Chapters are eligible to receive over $2750 funding this year. They can apply for funding following the instructions on YP Global 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.

If you are a Young Professionals member of IEEE and don't find any activities happening in your local YP chapter or if you are interested to start a new YP chapter in your local section. Please contact our Region 6 Young Professionals Representative, Ravendar Bhojwani, by emailing him your question: ravendar.bhojwani@ieee.org.

Awards Activities

Upcoming Award Deadlines

May 21st Deadline (Extended):

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

May 28th Deadline (Extended):

- Educational Activities Board Awards (View)

June 15th Deadline:

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

July 1st 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.

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

October 15th 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.

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

Region IEEE Milestones

New IEEE Milestone

The IEEE Milestone, Electric Lighting of the Kingdom of Hawaii 1186-1888, 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 here. (Link to PDF)

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

Major Blockbuster Event: Dual IEEE Milestones
August 12, 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.

Conference Highlights

There are 57 conferences being held across the Region in the next few months. Click here to find one near you!

Blockchain Healthcare Workshop
May 24 – 25, 2018 | San Diego, California

The "Healthchain"	**Healthcare Verticals**	**Workshop Format**
Explore application of blockchain technology to the unique challenges in healthcare during a 1.5 day workshop on May 24-25th	Focus of blockchain use in healthcare verticals of pharmaceutical supply chain, medical device, clinical trials, and genomics	Focus on practical and professional development along with applied learning through design workshop

More information on this workshop can be found here.

2018 IEEE 1st 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

IEEE YP 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 version 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.

2018 IEEE Global Humanitarian Technology Conference
October 18-21, 2018 | San Jose, California

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

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.

IEEE-USA

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://ieeeusa.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 19th district in California (which includes much of Silicon Valley).

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

Read More.. (link to full article)

2018 IEEE-USA Future Leaders Forum
July 26-28 | Austin, Texas

IEEE-USA Future Leaders Forum is back again this year after a successful event in 2016 in New Orleans. IEEE-USA Future Leaders Forum event is designed around Young Professionals and Student members and is attended by YP and Students members across the country. The 2018 Future Leaders Forum will take place July 26-28 in Austin, TX. This year's conference themes are: Lead, Adapt, Connect and Thrive. Registration is already open and early registrations are ending on 20th May 2018. Please Hurry Up! This is the event you don't want to miss. For YP members, please contact your local YP Chapter or Section leader for funding opportunities if you are interested to attend this event. Visit here for more details.

Educational Activities

TryEngineering Summer Camps
July 1-14 & July 15-28 | UC Riverside, California
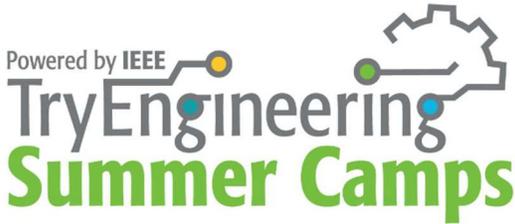
Are you looking to send your children to an unforgettable summer camp experience? IEEE Educational Activities TryEngineering Summer Camps are designed to challenge and inspire students, aged 12–17, to explore academic and career paths in engineering. In Region 6, the Camps will be held at UC Riverside. 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.