



The San Francisco Bay Area Council – Your partner in promoting conferences, courses, webinars, and more!



The IEEE SF BAC publishes announcements in our [eGrid newsletter](#) for chapter events, conferences, short courses, tutorial programs, and webinars, bringing them to the attention of a cross-section of our 32,000+ IEEE members and guests in the San Francisco Bay Area. The eGrid is online all the time at www.egrid.biz and is emailed out twice a month. The full advertising package includes:

- * Ad will appear in the eGrid with a tile logo
- * Have a line item listing in the right “table of contents” column in eGrid with a few choice words and a small tile logo
- * Ad will appear on a separate page exclusively with other similar ads, with a link to that page in the left “table of contents by content” column of the eGrid

An alternative is to pay for an **abbreviated advertising option** for a lesser amount of money, which would include:

- * Have a line item listing in the right “table of contents” column in eGrid with a few choice words about the event / conference.

Engineering chapters, societies, and affinity groups in the SF Bay Area include:

* Antenna and Propagation * Circuits & Systems * Computer * Consultant's Network Affinity Group * Communications * Consumer Electronics * Control Systems * Components, IC Packaging, and Manufacturing Technologies * Engineering In Medicine & Biology * Electromagnetic Compatibility * Industry Applications * Instrumentation & Measurement * Life Members Affinity Group * Magnetics * MEMS & Sensors Council * Microwave Theory & Techniques * Nanotechnology Council * Nuclear & Plasma Sciences * Photonics * PhotoVoltaics * Power & Energy & Industry Applications * Product Safety Engineering * Reliability * Robotics & Automation * Signal Processing * Solid State Circuits * Technology and Engineering Management * Women In Engineering Affinity Group * Young Professionals Affinity Group

eGRID RATES	
2 months Call for Papers ad, 2 months conference ad	\$3,200
3 months of eGRID advertising. Can include a division for call for papers ad + conference for an additional \$200.	\$2,500
2 months of eGRID advertising	\$2,100
1 month of eGRID advertising	\$1,650
2-week ad, or one emailing	\$900
Year-round rates, paid in six-month increments of \$2,400	\$4,800
Abbreviate Rate – line item only with logo & a few choice words	\$1,000
Line item for conference as above + line item for Call for Papers	\$1500
Employment rates:	
Employment opportunities, per single emailed e-grid + on-line (\$300 for two e-grids, or one month) with highlights and website link	\$150
Employment opportunities, per single emailed e-grid + on-line with company logo	\$200
Employment opportunities for corporate accounts, emailed e-grid + on-line, ten positions per month, for two week periods each (5 for entire month, or some combination).	\$500

Smaller, locally-sponsored conferences receive discount.

We look forward to making our IEEE eGrid newsletter a centerpiece of your advertising campaign, and we wish you great success! Please contact me at:

Sandra Winkler, 1-650-299-9365, s.l.winkler@ieee.org

The screenshot shows the IEEE eGRID website interface. At the top, there's a navigation bar with the IEEE logo and the text "Advancing Technology for Humanity" and "eGRID www.egrid.biz". Below the navigation bar, there's a main content area with several sections:

- Let me know if you would like the mobile friendly version emailed out to you on a separate distribution list.** Mobile Friendly View.
- ADDITIONAL EDUCATION**
 - Northeastern University, Silicon Valley: Master of science degrees in STEM fields. Current program: Blockchain.
 - Northeastern University, Silicon Valley: Santa Clara University Graduate Engineering MS in Sustainable Energy, and certificates in Renewable Energy or Frugal Innovation.
 - Besser Associates: The Worldwide Leader in RF and Wireless Training.
- PROFESSIONAL CONFERENCES AND EVENTS**
 - Global Humanitarian Technology Conference (GHTC), San Jose: June 02, 2018 Deadline for full paper submission (4-8 pages) July 15, 2018 Deadline for poster papers (up to 2 pages) August 30, 2018 Submission of accepted final papers (full and poster) for inclusion in conference proceedings.
 - June 10-12, 2018, Women in Technology Summit, San Jose: skill building, business plans for tech startups, making your pitch worthy of your ideas, breaking biased habits, vertical market topics.
 - June 26-28, 2018, Sensors Expo & Conference 2018, San Jose: Sensors, connectivity, and systems. Use promo code IEEEESF for \$100 off pass.
 - June 26, 2018, Autonomous Vehicle & Sensors Conference, San Jose: Explore Autonomous Vehicles through panel discussions. Use promo code IEEEESF for \$100 off pass.
 - June 25-26, 2018, Medical Sensors Design Experience, San Jose: Artificial Intelligence, Drug delivery, ECG & EEG, Medical grade wearables. Use promo code IEEEESF for \$100 off pass.
 - July 9-11, 2018, 5G World Forum (5GWF'18), Santa Clara: 5G in automotive, health, media, IoT, satellites, standards, regulations.
- CHAPTER EVENTS**
 - Santa Clara Valley Section: Blockchain Group Be part of the soon-to-be Blockchain Group, the latest disruptive technology many are talking about. If interested, please notify Sandra Winkler at s.l.winkler@ieee.org, or Ramesh Ramadas at dr.ramesh.ramadas@ieee.org.
 - 5/30, 6:30 pm SCV MEMS Start-ups in Silicon Valley, TI, Building E, 2900 Semiconductor Dr., Santa Clara, donations for food.
 - 5/30, 3:00 pm SCV CS NFIC 2018: Accelerating Smart and Connected Communities, Santa Clara University, 990 El Camino Real, Locoelli Student Activity Center, Santa Clara: innovation in edge cloud and the increased automation of associated technologies that are driving urban agglomeration to meet our lifestyle demands. IEEE members: \$50; Non-members: \$75; plus processing fees.
 - 6/1, 6:30 pm SVS SAC Technology and Innovation- A talk by IEEE President-Elect, TI, Bldg E, 2900 Semiconductor Dr., Santa Clara: technology, innovation and/or entrepreneurship, vision for IEEE: focus on membership and transparency at all IEEE levels and balance the operations budget of IEEE. Free.
 - 6/5, 6:00 pm SCV CS Introduction to Kubernetes, Cadence, Bldg 10, 2655 Seely Ave, San Jose: platform that is becoming a standard for running cloud native applications, architecture of Kubernetes and the new use cases containers and the Kubernetes platform have enabled. Free.
 - 6/5, 5:30 pm SCV PHOT Laser Light Sources for Next Generation Automotive and Specialty Lighting Applications, INTEL, Building SC-12, 3600 Juliette Lane, Santa Clara: SLD Laser (former SoraaLaser) is commercializing a new generation of semipolar GaN based visible laser light sources with >10x the luminance of LEDs. Free.
 - 6/6, 8:30 am SCV TEMS Impact of Disruptive Technologies on Management: Leading Your Team to Cope and Thrive, TI, Bldg E, 2900 Semiconductor Dr., Santa Clara: full-day workshop, topics and panels to get inspired, learn about the latest trends in managing disruptive technology, and network with peer managers and technologists. IEEE members: \$75; Non-members: \$100.
 - 6/13, 6:00 pm SCV CNSV Annual CNSV Dinner Meeting: A New Golden Age for Computer Architecture, China Sits Restaurant, 2110 El Camino Real, Santa Clara: Presentation given by Turing Award Winner Dr. David Patterson: how the open-source ecosystem and agile-developed prototypes will improve cost, energy, security, performance. \$37 advance registration.
 - 6/14, 6:15 pm SCV REL Moore's Law Scaling Impact on Silicon Reliability - A system based holistic approach, Qualcomm, 3165 Kifer Road, Building-B Cafeteria, Santa Clara: technology scaling, user environment and usage scenarios at system level to make reliability projections more meaningful. Free.
 - 6/19, 11:30 am SCV NANO ePaper 2.0 - Dr. Bob Fleming: Chief Technical Officer, CLEARink Displays, EAG.

IEEE San Francisco Bay Area Council - c

ewh.ieee.org/council/sfba/index.html

Northwestern University, SURON
Master of science degrees in STEM fields. See [ad](#)

Santa Clara University Graduate Engineering
MS in Sustainable Energy, and certificates in Renewable Energy or Frugal Innovation. See [ad](#)

Besser Associates The Worldwide Leader in RF and Wireless Training.

MEAD Education
Advanced engineering short courses in the design of integrated circuits and systems. See [ad](#)

EMPLOYMENT OPPORTUNITIES
Put your employment listings here.

ADVANCE YOUR CAREER WITH ADDITIONAL EDUCATION
Advanced engineering short courses are organized by MEAD Microelectronics and are held at UC Santa Cruz from March 26-30, 2018.

MEAD education short courses are taught by both academic and industrial instructors, which allows the coverage of the theoretical as well as practical aspects of every topic in all courses. The following courses are offered:

Advanced Analog IC Design
Time Assisted Analog Design, Circuit Techniques for OpAmp Speed and Accuracy Improvements, CMOS Switched-Capacitor Circuit Design

Delta Sigma Data Converters
Delta Sigma Converter Basics, CTDS Modulators, Dynamic Element Matching, Design of Building Blocks for CTDS Modulators

Deadline for registration: February 19, 2018. See [mead.ch/MEADNEW/advanced-engineering-courses-uc-santa-cruz-california](#)

Engineering with a Mission
The Santa Clara University Graduate Engineering program offers:
- MS degree in Power Systems and Sustainable Energy.
- Certificate programs in Renewable Energy and Frugal Innovation

Students interested in the MS degree must satisfy the standard admissions criteria, an undergraduate degree in a field of engineering (physics degrees will also be considered), GRE scores and (for international students) demonstrated proficiency in English. Both TOEFL and IELTS scores are acceptable for this purpose.

To obtain more information, please contact Stacey Tinker at stinker@scu.edu or call 408-554-4313. Mention this ad and your application fee will be waived.

ISQED Symposium 2018
To learn the latest trends in electronic design & automation and semiconductor technologies, attend the 19th International Symposium on Quality Electronic Design (ISQED 2018). This premier interdisciplinary and multidisciplinary Electronic Design conference bridges the gap among Electronic Semiconductor ecosystem members providing electronic design tools, integrated circuit technologies, semiconductor technology, package assembly, and test to achieve total design quality. The conference covers:
- Security
- IoT
- Machine Learning
- Electronic Design

ISQED 2018 will be held on March 13-14, 2018, at the Hyatt Regency Santa Clara. For more information, see [ISQED 2018](#)

CALL FOR PAPERS - ENGINEERING EDUCATION INNOVATIONS
FRONTIERS IN EDUCATION 2018
Fostering Innovation Through Diversity
Frontiers in Education (FIE) Conference is a major international conference focusing on educational innovations and research in engineering and computing education, focused at the graduate, undergraduate and pre-college levels. The theme for 2018 is Fostering Innovation Through Diversity, and will be held in San Jose on October 3-6, 2018.

The abstract submissions are through **February 5, 2018**, and are including the following thematic tracks:
- Diversity/equity/inclusion in engineering and computing
- Encouraging and teaching innovation
- Innovation in software engineering education
- Upward mobility, and EPIC/Service-learning

Please see [FIE2018.org](#) for information on the conference, and [Call for Abstracts](#) for more specific information.

ENERGY AND POWER SYSTEMS
CALL FOR DIGESTS
The Tenth Annual IEEE Energy Conversion Congress and Exposition (ECCE 2018) will be held in Portland, Oregon, USA on September 23 - 27, 2018. ECCE 2018 is the pivotal international conference and exposition event on electrical and electromechanical energy conversion field. ECCE 2018 will feature both industry-driven and application-oriented technical sessions, as well as expositions. Digests are due **January 15**, in the following areas:
- Energy Conversion Systems and Technologies, such as
- Renewable and alternative energy systems
- Smart grids, micro-grids, and utility applications
- Electrical energy storage systems

Components and Subsystems for Energy Conversion, such as
- Power electronic devices (Si and Wide-band-gap) and applications
- Power conversion topologies, modulation, and control
- Rotating linear electro-mechanical devices and drive systems

See [eee-ecce.org/2018/call-for-papers/](#). Interested in exhibiting? Contact ecceexhibits@courtesyassoc.com.

ewh.ieee.org/council/sfba/index.html

*** William "Bill" Jennings - Vice President of Engineering, Farm-X**
*** Dr. Randy Katz, United Microelectronics Corp. Distinguished Professorship, University of California, Berkeley**

Tickets are \$125 through 2/5 and \$140 thereafter. SVEC and IEEE members receive \$26 discount, with discount code "orgmember". The SVEC Banquet will be held at the Hyatt Hotel, 5101 Great America Parkway, in Santa Clara, beginning at 5:30 pm. Reserve your tickets at [svecbanquet2018.eventbrite.com](#)

VOLUNTEER OPPORTUNITIES
Partner with science teachers of K-8 students - [www.bonobocv.org](#)
School Science Presenters Wanted for AVS Science in Action - [nccacs_education@avs.org](#) or [brynvold@ieee.org](#)
Have you ever thought about teaching? Learn more and Apply for the EnCorps Fellowship for STEM Professionals - [http://encorps.org](#)

Science Fair judges needed for students from middle schools and high schools, at these three science fairs: **San Mateo** on Sunday, March, **Santa Cruz** on Saturday, March 10, and **Santa Clara** on Thursday, March 15. If you are interested in helping out at one of these fairs, or sponsoring a prize, please call Charlie Neuhouser at (408) 245-0083 (W) or E-mail him at Cneuhouser@Earthlink.net.

Project Open NanoCarbon - Monthly meetups/open journal club to research, build and deploy open hardware to rapidly solidify gigatonnes of carbon from atmospheric CO2.

Advise & mentor underrepresented young adult entrepreneurs. Flexible time commitment. Business and technology experienced professionals browse details, and apply to join at [skvethelmut.org](#)

ADVERTISING OPPORTUNITIES IN THE EGRID
Would you like a boost in SF Bay Area publicity (especially here in Silicon Valley), for higher awareness and attendance of your conference or courses? We have 32,500+ technical subscribers in the SF Bay Area. Please see [eGrid Ad Opportunities.pdf](#)

Does your company have engineering positions open? Advertise these positions in the eGrid! Contact Sandra Winkler at s.winkler@ieee.org

Thinking of becoming a member of IEEE? Benefits include a free subscription to the IEEE Spectrum, discounts on insurance, access to a library of information, and an opportunity to be part of a society which is changing the world. Please use Sandra Winkler as a referral, member #85012626

SERVICES OFFERED/ EMPLOYMENT WANTED
Materials engineering position, doing research, process and failure analysis, characterization, seeking position in any location, M.S. in Materials Engineering, jessica.winkler@scu.edu, jwink665@gmail.com

USPTO
Learn the best practices
Already a consultant?
- Expand your networking opportunities
- Promote your skills on your own webpage
- Learn from the camaraderie of our network
Check out [CaliforniaConsultants.org](#)

AUTOMATED VEHICLES
The IEEE Communications Society (ComSoc) and IEEE Vehicular Technology Society (VTS) are hosting a one-day summit on **February 8** at the Hilton Santa Clara, the **IEEE Connected & Automated Vehicles Summit (a 5G-driven event)**, at the Hilton Santa Clara
Does the idea of autonomous and connected vehicles intrigue you? Come learn how 5G networks can support the automotive and mobility industries. The IEEE Connected & Automated Vehicles Summit features a large lineup of speakers from the automobile, semiconductor, and communications industries to address:
- Autonomous driving
- Sensor fusion
- Deep learning
- 5G
- LIDAR
- Radar
- Mapping
- DSRC
- IoT
- Cloud
- Security
- Societal impacts

See how 5G will drive the autonomous and connected vehicle industry reach their destination. Go to [vehiclessummit.ieee.org](#)

DILBERT | Scott Adams
I WOULD LOVE TO TELL YOU WHAT I ACCEPT, SINCE THIS MEETS WITH OUR LEGACY SYSTEM!
NO, BECAUSE LEGACY SYSTEMS ARE BORING AND I LIKE TO THINK ABOUT NEW THINGS!
I THOUGHT WE RECALLED ALL OF OUR LEGACY SYSTEMS - KEEP YOUR THOUGHTS TO YOURSELF!

Comic is courtesy of the San Jose Mercury News.

QUICK TURN ENGINEERING SERVICES
Do you need unique, out-of-the-box engineering solutions quickly? Quick-turn high precision product design, procedural development, and fabrication of parts for testing, developing concepts, tools, and forming devices. IntelTek can design and manufacture parts involving very complex geometry, up to 49" x 29" x 43" and can meet tolerances verified to ISO standards of up to 0.005".

Partners in:
- CAD design
- Aeronautics
- Automotive
- Infrared
- Medical
- Prototyping
Materials include:
- Aluminum
- Stainless Steel
- Titanium
- Copper
- Brass
- Multiple types of Plastics

Please see [IntelTek](#), and contact Sandra Winkler at s.winkler@ieee.org, tel 650-299-9365.

IntelTek Inc.