



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](http://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
- \* Ad will also appear on the Google calendar
- \* Ad will also appear in the Mobile app
- \* Conferences will appear in the conference planner page for one year

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 and a small tile logo until conference is complete

**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

<b>eGRID RATES</b>	
<b>2 months Call for Papers ad, 2 months conference ad</b>	<b>\$3,200</b>
<b>3 months of eGRID advertising. Can include a division for call for papers ad + conference for an additional \$200.</b>	<b>\$2,500</b>
<b>2 months of eGRID advertising</b>	<b>\$2,100</b>
<b>1 month of eGRID advertising</b>	<b>\$1,650</b>
<b>2-week ad, or one emailing</b>	<b>\$900</b>
<b>Year-round rates, paid in six-month increments of \$2,400</b>	<b>\$4,800</b>
<b>Abbreviate Rate – line item only with logo</b>	<b>\$1,000</b>
<b>Employment rates:</b>	
<b>Employment opportunities, per single emailed e-grid + on-line (\$300 for two e-grids, or one month) with highlights and website link</b>	<b>\$150</b>
<b>Employment opportunities, per single emailed e-grid + on-line with company logo</b>	<b>\$200</b>
<b>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).</b>	<b>\$500</b>

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.i.winkler@ieee.org**

The screenshot displays the IEEE eGRID website interface. At the top, the IEEE logo and 'eGRID' branding are visible. Below the header, there are several sections:

- ENGINEERING BANQUET:** 2018 Silicon Valley Engineers Week Banquet, Thursday, February 15, 2018, Hilton Santa Clara. Keynote: Tina Tsou, Enterprise Architect, ARM "The Race to Neural-Class Networks".
- CALL FOR PAPERS:** Energy Conversation Congress and Exposition (ECCE) 2018, Digests due January 15. Frontiers in Education, abstract submissions due by February 5, 2018.
- PROFESSIONAL CONFERENCES AND EVENTS:**
  - February 8, 2018, IEEE Connected & Automated Vehicles Summit (a 5G-driven event).
  - February 23, 2018, Power System Basics, ARC Flash Mitigation, Renewables, and NEC Code Changes Seminar.
  - March 13-14, 2018, ISQED 2018.
  - May 14-16, 2018, IEEE Symposium on Product Compliance Engineering (ISPCPE).
  - June 26-28, 2018, Sensors Expo & Conference 2018.
  - June 26-28, 2018, Autonomous Vehicle & Sensors Conference.
  - June 26-28, 2018, Medical Sensors Design Experience.
  - September 23-27, 2018, Energy Conversation Congress and Exposition (ECCE) 2018.
- OFFICERS TRAINING:** SFBCA Officer Training for both new and returning officers will be on Saturday, January 27, from 8 am to 2 pm.
- CHAPTER EVENTS:** 1/16 SCV NANO EMBS, 1/17 SF PES, 1/17 SCV PES IAS, 1/17 SFBA MEMS, 1/17 SCV EMBS, 1/18 OEB IAS, 1/25 SFBA EPS, 1/25 SFBA PELS, 1/30 SCV CES.

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](mailto: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](mailto: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 [brynavold@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](mailto: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 [skvethelmsf.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](mailto: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](mailto:jessica.winkler@scu.edu), [jwink665@gmail.com](mailto: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, BUT THIS MEETS WITH OUR LEGACY SYSTEM!  
NO, BECAUSE LEGACY SYSTEMS ARE BORING AND I LIKE TO THINK ABOUT NEW THINGS!  
I THOUGHT WE REJECTED 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](mailto:s.winkler@ieee.org), tel 650-299-9365.

**IntelTek Inc.**