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### Council/Section/Chapter Meetings and Events for May and beyond

Enhance your knowledge and promote your career -- attend an evening Chapter meeting, to network with other professionals. Pick out a topic of interest, or select a particular Chapter's program. Then read the full website description ("[\[more\]](#)" link) for speaker name, talk description, location, and map. The meetings/events below are listed in order by date.

Download the [PDF version of the GRID now](#) (270 kB PDF) and share it with co-workers.

SCV-Rel - 4/28: "**Reliability Stress Test Method Impacts and Processes**" - The proper selection and implementation of a reliability stress test program for a New Product Introduction cycle ... [\[more\]](#)

SCV-EMS - 4/28: "**Forum: Fostering Trust on Virtual Teams**" and "**Outsourcing and Off-shoring is Good for You!**" - Building trust is at the heart of all team collaboration and leads to higher team performance ... What are outsourcing and off-shoring, and why are they good for you? ... [\[more\]](#)

SCV-WIE - 4/28: "**How to Get Out of Your Own Way**" - Many problems are of our own making; discover 'optimism as a strategy!' ... [\[more\]](#)

SCV-ED - 5/7: Half-day Symposium: "**Compact Modeling**" - Learn from the invited distinguished speakers about recent developments in transistor-level IC device models as well as IC interconnect models ... [\[more\]](#)

TheTech - 5/7: "**Gizmo WYSIWYG: A Magical Night of Invention**" - entertainment, a delightful buffet dinner and both silent and live auctions for the Tech Museum, at Yahoo!/Sunnyvale ... [\[more\]](#)

SCV-CPMT - 5/12: "**Ultra-Small Miniaturization Technology**" - Miniaturization (such as CSP technology, stacking, system-in-a-package) has led the way in the packaging field ... [\[... more\]](#)

SCV-Comm - 5/12: "**VoIP Over the Internet: Is Toll Quality Achievable?**" - Voice-over-IP technology has a well-founded concern about degradation in call quality and reliability ... [\[more\]](#)

SCV-SSC - 5/13: "**The Practice of Analog IC Design**" - It is vitally important for the analog circuit designer to maintain a balanced viewpoint between the tools and concepts ... [\[more\]](#)

ISA - 5/12-13: "**Technical Conference & Exhibits for Instrumentation and Process Control**" - Vallejo - Two full days: three tracks of talks, half-day classes, and vendor exhibits for professionals in Instrumentation and Process Control, only \$29 (which includes two lunches) ... [\[more\]](#)

SCV-MTT - 5/13: "**Calculating Image & Local-Oscillator Noise, and Spurious Levels in Frequency Converters**" - Placing broadband gain ahead of a mixer, where the amplifier has gain at both the desired and image input frequencies, will increase noise figure; accurate calculation of their levels requires advanced software ... [\[more\]](#)

SCV-Mag - 5/18: "**Dynamics, Damping and Defects in Thin Ferromagnetic Films**" - Disk drives can write bits every two nanoseconds, a time scale similar to the magnetic damping time, and damping will limit data rates in MRAM ... [\[more\]](#)

SCV-CNSV - 5/18: "**Networking, Networking, Networking: the IEEE CNSV's Way**" (Panel) - Sharing what we can do to be successful in this new world in which consultants find themselves ... [\[more\]](#)

SCV-EMB - 5/19: "**Optical Biopsy in Gastroenterology**" - Small bowel imaging, limitations of standard endoscopic and radiographic techniques, and the GIVEN capsule technology ... [\[more\]](#)

OEB-Comm - 5/20: "**DSP for Packet Voice Telephony**" - Transition of the telephone network from circuit-switched to packet-switched and VoIP: digital signal processing (DSP) requirements at various points of the network ... [\[more\]](#)

SCV-EMS - 5/26: "**Effective Virtual Meetings**" and "**Sustainable Systems for Off-the-Grid Communities**" - Common pitfalls that geographically dispersed teams experience ... The vision of sustainable homes and communities — a dream within our reach ... [\[more\]](#)

SCV-REL - 5/26: "**Cisco's High Level Failure Analysis Process**" - Cisco's High Level Failure Analysis Process: logistics, resources, and techniques used ... [\[more\]](#)

Stanford - Summer Course: "**Progress in Worldwide Telecommunications**" - Weekly evening classes, prominent guest speakers, focus on wireless communications, broadband user access, the Internet, and the impact of globalization ... [\[more\]](#)

### Council Resources -- some suggestions

#### The Council Marketplace

Do you need someone with special skills -- RF, communications, design, patent consultations? ... a technical writer, bookkeeper? See our [Council Marketplace](#) page. Thank you for supporting our advertisers.

#### Bay Area Jobs

The Santa Clara Valley Section now lists a number of current "open positions" that might be of interest to unemployed IEEE Members. [Visit their website](#) and see if one of these is for you. If you know of jobs that can be posted for IEEE Members, please contact SCV Section Webmaster [Linda Fong](#).

#### Membership in the IEEE -- your best career investment

Keep your career on an upward track -- maximize your contribution -- add energy to your tank! **For the cost of about a gallon of gas a week**, you can gain access to the technical literature in your specialized area, keep your eye on new developments, hear about upcoming conferences in the Bay Area and beyond, and "network" with fellow engineers/managers from companies and labs. As has been amply documented, your career is enhanced by getting to know fellow engineers; for those looking for employment, it is "who you know" that gets you the interviews. Talk to the Chapter Chair (and other local officers) in your specialty area to find out how to join and which journals to read, and get introduced to those who are "in the know" about your field locally and regionally. For contact information for Chapters in the Bay Area, [see our website](#); select the appropriate IEEE Section (Oakland-East Bay, Santa Clara Valley, or San Francisco) and look for "Chapters". Or download the current [Council/Sections/Chapters Officers Listing](#) (175kB PDF)

from the February GRID.

### New Benefit for IEEE Members: Spam Filter for Email Alias

Many IEEE members already have a free IEEE email alias (of the form "<yourname>@ieee.org"), which gives you virus filtering. We all appreciated this during the recent spate of viruses masquerading as ZIP files!

The IEEE Email Alias Service now includes a new optional feature to help IEEE members manage the amount of unsolicited commercial email (UCE), or spam, they receive. The service is offered free-of-charge to all IEEE Email Alias users. To opt-in to this new service please visit the IEEE Web site at <https://uce.ieee.org>.

Although no tool can ever completely eliminate spam, this application can help dramatically reduce it. Members who elect to take advantage of this new service will have the option of either tagging or blocking possible unsolicited commercial email.

**The tagging option** - This tags email messages that the service considers spam. With this option, the recipient will receive each message, but the prefix "\*\*\*\*[Possible UCE]\*\*\*\*" will be included in the subject line for easy identification. Recipients can then either delete the messages or use the filtering capabilities of their email software. Since not everyone agrees on what constitutes UCE, the tagging option ensures that what someone might consider legitimate email will not be blocked.

**The blocking option** - This blocks email messages that the service considers spam. With this option, the recipient will not receive the messages at all. As a result, the sender will receive a mail bounce error indicating that the recipient did not receive the intended message.

To opt-in to this new service (either option), please visit the IEEE Web site at <https://uce.ieee.org>.

### Hear About Specific Chapter Events -- Join Their DLists

Many of our Chapters have their own Email DLists, to alert interested professionals to upcoming meetings, seminars, and other events. If your interests lie in one of these fields, then you should sign yourself up for their monthly emails; you do **not** need to be an IEEE member to participate. All are run from the IEEE's MajorDomo or ListServ servers, so they have similar interfaces. Except where noted, these are "directed" lists -- that is, only the Chapter officers are able to send email to those on the lists, and mail is rejected from other sources. Thus, you should expect no spam from these DLists.

As I find out about other Chapter Dlists, I'll publish an updated listing.

**Components, Packaging & Manufacturing Technology** Chapter: covers thermal design, electrical modeling, materials, packaging, assembly, manufacturing, and environmental impact of electronic, photonic, and MEMS devices and systems. [More information on their Website -- To Sign Yourself Up](#)

**Reliability** Chapter: covers device and subsystem reliability, availability, accelerated stress testing/screening, prediction, failure analysis, corrective action. [More information on their Website -- To Sign Yourself Up](#)

**Signal Processing** Chapter: Theory and application of signals involving filtering, coding, transmitting, estimating, detecting, analyzing, recognizing, synthesizing, recording, and reproducing signals (audio, video, speech, image, communication, geophysical, sonar, radar, medical). [More information on their Website -- To Sign Yourself Up](#)

**Lasers and ElectroOptics** Chapter: Optics-related lectures and field trips, distinguished speakers from all over the world, leading edge optics-related talks to our members and attendees. [More information on their Website -- To Sign Yourself Up](#)

**Solid State Circuits** Chapter: Design, testing and application of circuits and subsystems, as well as closely related topics in device technology and circuit theory. [More information on their Website -- To Sign Yourself Up](#)

### SUBSCRIBE yourself to this IEEE Council and e-GRID DList

IEEE Members in the San Francisco Bay Area automatically receive this Announcement at their IEEE "email address of record." Members may unsubscribe from (or re-subscribe to) this mailing list at [www.ieee.org/ra/e-notice/sfbac-enotice.html](http://www.ieee.org/ra/e-notice/sfbac-enotice.html); be sure to include your IEEE member number. Members wishing to **also** subscribe an alternate email address (eg, Hotmail, or at work), or who live outside the Bay Area, may follow the instructions below.

Technologists who are not members of IEEE are **encouraged to subscribe, at no cost, to this e-GRID Newsletter**, to find opportunities to "network" with the electrical engineering community and hear about Chapter events through our twice-monthly emails. This is a controlled list (ie, no spam) -- [get more information](#). You provide your own subscribe/unsubscribe services and can join and leave this IEEE DList when desired. To update the list, send an email message to:

[listserv@listserv.ieee.org](mailto:listserv@listserv.ieee.org)

...with the following choices in the BODY (not Subject) of the message:

to SUBSCRIBE: **subscribe e-GRID FirstName LastName**

to UNSUBSCRIBE: **unsubscribe e-GRID**

Maintain your current DList records at our IEEE LISTSERV website: <http://listserv.ieee.org/>

You may need to "whitelist" our email addresses in your spam filter to allow our Council news to reach you; I suggest whitelisting my email address, plus that of the DLIST: e-GRID@listserv.ieee.org.

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Please invite other non-Member technologists in the Bay Area to join this list, to receive notification of Chapter meetings, tutorials, workshops, conferences, and other news within the San Francisco Bay Area Council, IEEE. See <http://www.e-grid.net/>

Correspondence to [Paul Wesling](#), Council Communications Director

