PC USER GROUP *Meeting*

WEDNESDAY	Feb 13	7:15 PM

Elks Lodge, 4249 El Camino Real, Palo Alto
Hosted by: SPAUG (Stanford Palo Alto User Group for PC)

Topic: **The Search for Life in the Universe and Our Future**

Speaker: **Simon "Pete" Worden, PhD,**
Center Director, Ames Research Center

We've begun to identify places in our own and other solar systems that could, in principle, have liquid water on their surfaces. Another source of insight into our search for life comes from developments in the field of synthetic biology that suggest that we—and presumably extra terrestrial intelligence—could engineer life to exist in broader ranges of conditions than we find on earth. Dr. Worden will discuss these developments and their implications for our search for life.

Before becoming the center director at NASA Ames in 2006, Dr. Worden was a Professor at the University of Arizona where his primary research direction was the development of large space optics for national security and scientific purposes and near-earth asteroids. He retired from the USAF in 2004 as a Brigadier General. Read Dr. Worden's full bio at http://tinyurl.com/bgeaq5y, and at http://tinyurl.com/acaw7zq.

You are invited to join us for an optional no-host dinner
before our meeting, at **5:45 pm**, at
The Bistro—Elks Lodge, Ground Floor

Upcoming meetings (2013): **2/13,** 3/13, 4/10, 5/8, 6/12, 7/10, 8/14, 9/11, 10/9, 11/13,
(2014): 1/8

STANFORD PALO ALTO USER GROUP FOR PC
(SPAUG)

MEMBERSHIP FORM

To become a member of SPAUG—

1. Provide the information requested on this form.
2. Send this form and a check for **$30.00,** payable to **SPAUG**, to the address on the right:

SPAUG
PO BOX 20161
Stanford, CA 94309-0161

Date: _____ / _____ / _____

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Areas of expertise you would be willing to share with SPAUG:

_____

_____

_____

Areas of special interest:

_____

_____

_____

What are you hoping to find in SPAUG?

_____

_____

How did you learn about SPAUG? _____

Your Occupation: _____

SPAUG

PrintScreen

Notes from the Prez
by Jim Dinkey

DEPTH OF RECOVERY

I'll paint the worst scenario:

Suppose that your financial data is on an Apple and your partner is no longer available.

This happened to me, and what became obvious was that while I was totally protected, the setup was marginal and difficult to work on as I had no Apple experience.   For political reasons, I stayed away from the Apple as, with the exception of some address files, I was not interested in using the computer.

Then the situation changed. I didn't know how to spell Apple much less operate it. Further, I was greatly concerned that I would do something that would alter or erase some critical file – and I did not have the skill to recover the file(s).

And my partner was not around.

So I inquired of some knowledgeable Apple users who coalesced on a CPA that was Apple-oriented.

By agreement and appointment, I took the entire setup including CPU, printer, UPS, and some manuals to the office of a CPA that had

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In Memoriam

Robert Page

Howard Hushbeck

General Meeting @ Elks Lodge—Wed. February 13 @ 7:15 PM
4249 El Camino Real - Palo Alto (directions on page 3)

Optional Dinner at Elks Lodge Bistro
Elks Lodge, Ground Floor, 5:45 pm (see page 3)

the requisite skills and who then proceeded to discover the required files and print them. They were also transferred to floppies to allow them to be uploaded onto a PC.
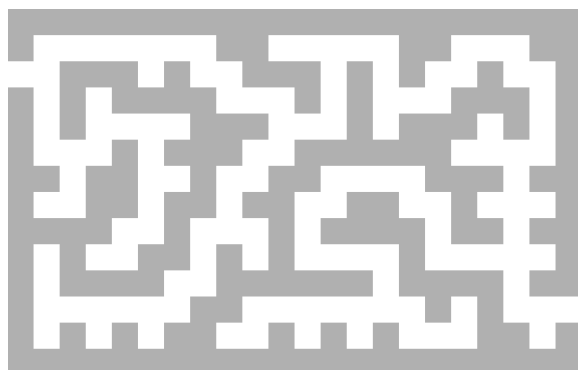
So I am all right now and have the files the CPA deemed desirable. In reality, the files were clearly marked and obvious as the prior user of the Apple had been an H & R Block Tax Consultant.   She knew, generally, what was coming and made every effort to prepare!

What she did not do was prepare me at all because the disease was so pervasive that it was too late.

But now we need to decide if there was sufficient backup in case of total destruction of the data by fire, theft, or massive crash.

It turns out that the data of the computer was backed up on another hard drive (external) that periodically received the entire compressed image of the entire original internal hard drive – which was just fine.

The external hard drive was kept near the computer and thus was susceptible to accidental destruction by dropping on the floor and other such problems. What really was missing was yet another hard drive at a neighbor's house or a bank vault. We never needed her data to be recovered from off-site, but it was a definite possibility.

Personally, for several years, I kept my data off-site with a neighbor but have to admit that the quarterly duplicate did not get updated as much as it should have. Thankfully, we have not had a fire but that event would wreak havoc with my data – a situation I need to correct on both computers.

How much effort is it to recover data under some of the scenarios I have laid out above?

I hope you never have to find out.

—Jim

SPAUG Planners On TV
by John Buck

On CCTV: http://tinyurl.com/azcv7dg
On YouTube: http://tinyurl.com/anwbnx8

On Wed Jan 16, 2013, SPAUG Pres Jim Dinkey emailed the usual Planning Meeting attendees that he'd been contacted by CCTV (China Central Television) reporter Mark Niu, asking to question SPAUG members about their views of Microsoft's Windows 8 Operating System. Jim suggested, and Mark agreed, to come to that evening's Planning Meeting, at Bev Altman's home.

Mark and a cameraman arrived at about the starting time of the meeting, set up the camera, and interviewed us. Mark was a good interviewer, and the cameraman unobtrusive. I think you'll note no camera-shyness on our part. They were with us for perhaps an hour; we have a total of about a minute in their final three-minute product. Separately, SPAUG member Kevin Lynn is pictured at the Microsoft store.

See us via the links at the top of this article.

Meeting Day: Wednesday, February 13

General Meeting

Palo Alto Elks Lodge,
4249 El Camino Real, Palo Alto

Meeting time is 7:15 pm

The Search for Life in the Universe and Our Future

Featuring

Simon "Pete" Worden, PhD,
Center Director, Ames Research Center

The Elks Lodge is a light-colored two-story building on the North (bay) side of El Camino Real (ECR), just east (toward Los Altos) from the Charleston-Arastradero-ECR intersection. It's diagonally across ECR from the Crowne Plaza Cabaña hotel.

Park in the lot that wraps around the lodge, and proceed to the front door (on the West side of the bldg.). This is a keycarded door. If you cannot get in the front door because you are late, press the intercom button on the post to the left of the main entrance, identify why you're there (try "computer club"), and you should hear the door unlock. Pull the handle and enter

Proceed to the Lodge Room—upstairs. An elevator is available behind the stairway.

Typical Meeting Agenda

7:15   "Boot up"

7:30   Announcements.

7:35   Guests introduction.

7:40   Random Access (Crosstalk)

7:50   Break

8:00   SPEAKER

9:15   SIG Reports

9:20   Raffle

9:30   Adjourn

Optional pre-meeting dinner

Join us for dinner before our General Meeting at —

The Bistro—at the Elks Lodge

Note the **time** for this month's dinner.

There's no dining place closer to our meeting place than this. It's on the ground floor toward the back of the building,

Directions: It's on the ground floor toward the back of the lodge building.

Menu: http://www.paloaltoelks.org/bistro-menu

Review: http://www.yelp.com/biz/palo-alto-elks-lodge-no-1471-palo-alto

Dinner time is 5:45 pm

09 Jan 2013 General Meeting Notes
by Stan Hutchings
*(**edited for use here**)*

ADMINISTRATIVE AND CROSSTALK

- The **Clinic** has seen only 2 computers in the last 6 months. May be due to Win7 and Win8 improvements. All of the usual problems Jim saw with WinXP have been fixed in 7 and 8.

- A member uses **Acronis 2012** especially after the 2nd Tuesday Microsoft update. It works well, but the display goes dark during the backup. Jim recommends upgrade to Win7.

- There were messages about **Adobe CS2 availability**. Maury says Adobe did not intend it to be a free download; it was for CS2 owners who needed to move or upgrade their current product. It was not intended as a free give-away.

- Thanks to **Carl Moyer** for microphone service. It is great to have a mobile cordless mic, and amplified speaker. As recorder, I really appreciate it.

- A member upgraded a power supply, found out **"capacitor rot"** was reducing voltage to a point that problems were occurring. The new power supply fixed all the problems. If you add a lot of accessories to a desktop, be sure to verify you have enough power. If you are experiencing weird symptoms, check the power supply.

- The **Sunnyvale Senior Center has a computer repair group**, which is a resource available for $32/year, even if you are not a Sunnyvale resident. Address/Contact: 550 East Remington Drive, Sunnyvale, CA 94086, phone 408 -730-7360, Seniors.inSunnyvale.com.

- Maury Green reported the **PA Library is trying to find teenagers to tutor seniors in how to use computers.** The Palo Alto Medical Foundation (PAMF) sponsors Link Ages <http://tinyurl.com/agvtggt>, in connection with Time Bank (a barter system for time). **Maury wants to know how many would appreciate mentoring, and also who could help others who might need it.** Maury will investigate and report to Jim Dinkey.

- A member bought a new laptop, but it came with an OS he did not like. Changing it was difficult; he recommends caution in purchasing to be sure you get what you want. **Try out your system at a brick-and-mortar store, like Central Computers,** and ask them to assemble it for you if you don't have the skill or inclination to do it yourself.

- A member wanted to buy a high-end Dell, took the specs to **Central Computer.** They gave him a selection of parts, which he assembled himself with great success. He is delighted with the results.

- **Robert Mitchell has lots of excess hardware and cables.** Contact him if you need any.

PRESENTATION

Hank Skawinski, one of SPAUG's favorite speakers and go-to guys, gave the presentation for SPAUG's 30th year anniversary meeting. He supports about 1,000 computers for hardware and software issues.

- If you **Google-search for "bad capacitors"** < http://tinyurl.com/ajjg4hu>, you can find an explanation. Some of the photos are an eyeful.

  The problem resulted from Chinese copycats using the wrong formula for the capacitor electrolyte ingredients. Many computer manufacturers bought the bad capacitors and used them in their products. Even Dell, HP, Lenovo, Apple and others had, and continue to have, the problem.

  Be sure your computer equipment (even power warts, routers and modems, TVs, etc.) has Japanese capacitors. If a product failure results in bulging or swelling capacitors it is a victim of a "bad capacitor".

  Get Business grade, not Consumer grade computers to reduce the likelihood of having a problem.

- **Hank's 2009 netbook has been working like a champ.** Small screen size is the only disadvantage.

- **Hank got a 2011 Thunderbolt smartphone, but the capability is limited.** The **Jawbone Jambox** < http://tinyurl.com/b4rgc76>is a Bluetooth (wireless) speaker system. It also works with the netbook quite well. Is available at Costco, Amazon and other stores. Hank uses the phone to communicate with servers to get reports on backups, errors, etc.

- One common phenomenon Hank has seen recently is enterprises, schools, and clients buying **iPhones and iPads**. The versatility and capabilities are impressing everyone. The Apple products seem to be far more advanced than the competition. Win8 RT is inferior in several respects. The iPad Mini is becoming quite popular

due to its more convenient size (it will fit in a sport coat pocket or vest). Hank's wife is a teacher, and finds the iPad and Google Chromebook are popular with students. The Chromebook has the Google education app, which is a marvelous system.

- **Ubiquitous Computing** is approaching at a high rate. Computers are everywhere now: cars, airplanes, ships, TVs, DVD players, phones, in addition to computers of all size and description.

  One problem is the amount of data people are accumulating; more and more storage is required. One solution is the Cloud; but there is a limit to size and bandwidth; plus if the Internet connection is missing, you are stranded.

  Privacy is an issue, too. If it's valuable, you should have several local backups (such as external drives). It would be good to have at least one alternate email account, too, in case one is somehow lost.

- **Android is a flavor of Linux,** so the different manufacturers of Android devices have slightly different versions installed.

  In contrast, Apple's iOS is consistent over most of its products, and often works (if not gracefully and seamlessly) with Microsoft OSs.

- **Many offices are getting away from Microsoft Office products.** They are using Google Docs < http://tinyurl.com/ar46sjl> or Open Source (e.g., OpenOffice.org).

  Microsoft sales are flattening and will decrease as the trend continues. This is a side effect of **ubiquitous computing.** Win8 will not catch on with businesses; people prefer Win7, or even WinXP. Or

they will go iOS Apple products, or perhaps a Chromebook <http://tinyurl.com/cjpab7q> (for about $250). Furthermore, upgrading from Office 2003 to 2010 is a real learning curve. This helps Google Docs popularity. Or people go to RTF format. Also, email is mostly plain text/HTML.

Microsoft is no longer a powerful monopoly. They lost money for the first time in 2012; their profit comes from MS Office. Due to the increasing competition, this profit center is becoming less. For example, Family Tree Maker links to Ancestry.com; eventually FTM will be phased out, and direct access to Ancestry.com will be the new paradigm.

- **You can still load Linux on a Dell Win7 machine; but you cannot do that in Win8.** The new BIOS restricts any change. A Win7 download from TechNet can be loaded almost anywhere.

- The **Oracle VM** <http://tinyurl.com/azenjfg> box can be used to run several different operating systems.

  You will need a powerful machine to virtualize and run applications.

  You still need to install the OS and applications for each virtual OS, but one installation can be copied any number of times; it's better to use identical or very similar hardware to avoid driver conflicts; or uninstall and reinstall the proper driver.

  Also, drastic changes may cause the OS to require reinstallation, or even fail to boot.

Q/A SESSION

- Caution: **do not do the Win8 installation.** Walt Mossberg's review <http://tinyurl.com/alh8cmp> of the *Wall Street Journal* cautions against it. You need a

touchscreen for best results. He says, "But, if you don't, or can't [get Windows 8 via an all-new PC], and have even a three-year-old PC, you may want to just stick with the Windows you've got."

If you want Win8, buy a Win8 machine—but try it first, you may not like the new interface. 40% of businesses are still using WinXP; Win7 seems a good replacement; infections still affect Win7, but its security is considerably better.

- **10% of the World's computers are running Ubuntu Linux** <http://www.ubuntu.com/>. Mainly computers whose users cannot afford Windows. Hank recommends everyone get Ubuntu's latest version <http://www.ubuntu.com/download>. If you must have Win7, go online and search. **Don't go Win8.** Touchscreens have their place, but not on a Desktop, or in an office environment.

16 Jan 2013 Planning Meeting Notes
by Stan Hutchings
(*edited for use here*)

Attending: Jim Dinkey (presiding),
John Sleeman,
Bev Altman,
Stan Hutchings,
Nat Landes.
John Buck.

Special Visitors:
Mark Nui and a cameraman from CCTV were present to videotape our opinions of Windows 8, for possible broadcast.

GENERAL MEETINGS

Plans for 10 April 30-year celebration
Will probably be a dinner and meeting, possibly an experts panel to discuss items of interest to the attendees. Composition of panel to be determined. Jim suggested a few bottles of champagne on the tables would be appropriate.

MEMBERSHIP (BEV):

● 117 current members,
● Jan 9 General Meeting attendance: 47 members and 5 guests

My Opinion on Windows 8
by Robert Mitchell
(*edited for use here*)

I have read about Microsoft's Windows 8 operating system and have had a chance to play with it. From my little experience with it, it's cool and neat having those live tiles, and is a huge change from Windows 7 and previous versions of Windows.

Windows 8 is Microsoft's answer to Apple's IOS operating system for Phones and tablets. The trend is moving toward touch interfaces, found everywhere from phones to order terminals in restaurants. Microsoft developed Win 8 for phones, tablets and regular computers with touch interface.

For playing with small devices such as tablets and phones, Win 8 makes sense, but for regular computers, I find it more difficult than a mouse, because my the arm and hand

get tired from being held in the air for a long time. Other than that, Win 8 does have potential in some areas such as tablets and phones. Writing a 500-page book would be awkward using a touch screen keyboard and no mouse. This would be true for many applications where a regular computer, mouse and keyboard are still needed.

The RT version of the Surface tablet has limited uses in my opinion, because it can't run regular Windows software. The price of $500 to $800 depending on the version is too much money.

Hank Skawinski thinks Windows 8 is going to fail for Microsoft. He says that Microsoft is already showing signs of failure in some areas. All new computers have Windows 8, so it's best to find last year's models on sale to get Windows 7.

I heard from others, both Hank and someone at last SVCS meeting Monday night [Jan 14, 2013], that the Win 8 computers will not run Windows 7 due to locking features in BIOS of the machine. This is another disturbing trend for forcing users to use the new version. What the manufacturer thinks is right is not always the right choice for the customer. Forcing it into the users' hands is the way they get their way.

For a Tablet, I will stick with my Apple iPad, since the interface is clean, neat and is easy to use. I'll stick with Windows for my computer and MAC OS 10.7 for my Apple Macintosh.

Wrestling With Windows 8: a Woman's Perspective
**by Louise Trevelyan-Luhmert,
a friend of Editor John Buck
(*edited for use here*)**

First off, here's a bit of humour that describes my experience: Windows versus Ford <http://tinyurl.com/avt88ys>.

If you are thinking of upgrading to Windows 8 you might want to have second thoughts if you have older equipment like printers, scanners or other programs running that you like and still work for you like a charm. I am not hearing much good about Windows 8, but that is all that is available now.

My 13-year-old computer with Windows XP Professional was ready to pack it in and there were some things from more updated friends that I couldn't get into or read, thus the need to upgrade. I don't know why they can't make the new programs compatible with the older ones. Talk about wasting money. My Mom used to say "waste not, want not", and nothing was thrown away until it was totally worn out. Well, that doesn't seem to be the way of technology these days.

Here is an overview of my dilemma with my new program. I thought you might enjoy a read in the life of a 74 year old woman trying to catch up with new technology!!

At the end of 2012, I was able to get a new computer to replace my old 13-year-old one that used Windows XP Professional, a program which I liked. I was blessed to be able to purchase a new HP PC (tower) that came with a new keyboard and mouse, then a new big flat-screen monitor, and new speakers—all on fantastic Boxing Day sale. It comes with Windows 8. In some ways I like it, and it has many nice interesting features. However, Windows 8 is not an easy program to learn and work with.

I spent several hours on my own trying to set up my Microsoft Account so I could get into the use of the program. It wouldn't accept my e-mail address! I found out that it does not support POP 3, which is what my local ISPs (Shaw and Telus) provide. Finally, I phoned technical help.

The first lady I talked to was from the USA and didn't seem to have a clue about what POP 3 is or how to make my email work. I spent about two hours with her to no avail. I didn't want to change my e-mail address. So she turned me over to an internet chat technical help person. That was an interesting process as we typed comments and instructions back and forth. Finally, with no results with everything she'd had me try, she asked to take over my computer remotely, which I was all too glad to let her do. It was strange to see my cursor moving around, and things being clicked and put into place without my doing it. Finally, after spending another four hours with her, she got it all set up for me as webmail with Shaw. It was completed at 3:30AM!!

I can't do what I used to do with this webmail program, so it is also another learning curve as to how to use their program. Oh well, I at least can receive and send e-mails even if I can't make them as creative as I used to.

◄ *(Continued from page 8)*

Next came the drama of trying to get my 3-year-old HP All-in-One printer, which worked to perfection, installed into this new computer program. I tried and tried, but it wouldn't download. Finally, I decided to connect the USB cable to my computer. Well, to my amazement, it printed, but that was all. So I contacted the online HP technical help and they directed me to phone HP technical support and gave me a case number to quote.

Wouldn't you know, I got someone with what seemed like a very strong East Indian accent who had me say my name three times then asked that I say it slowly and then spell it before he got it. When I told him my problem he said he would have to pass me on to someone else. That person spoke good English but he couldn't help me and passed me on to another person, who also had a heavy accent similar to the first, but a little easier to understand. He looked into it and said that my printer was not accepted by the Windows 8 program but he could try downloading over the internet some sort of wizard that would make my printer operable but I wouldn't get all of the program that I had before from the disk program. He didn't know what part I would get until it was downloaded. Then he told me it would cost me $24.00 and to pay by credit card. Well, I don't have a credit card, so that was the end of that.

I was really frustrated that I would now have to buy a new printer, which I can't afford, to make Microsoft 8 happy!! So, while I was trying to calm myself down, I decided I would just look at the other apps that come with this new program and become familiar with them. As I did some browsing I came across a new app that said something to the effect of "Wizard download" so I tried it and it was for my printer so I followed through the instructions and now I have my printer working to print from my computer and scan to my computer which is all I really need anyway.

This Windows 8 will absolutely not accept my flat scanner, which is also 13 years old and works like a charm, and I really liked it and used it all the time. It isn't accepted at all, and when I looked the product up on the internet it said there was nothing that could be done as the program, if it could be downloaded, may damage Windows 8. I didn't want to go there, so here sits a perfectly good functioning scanner with programs I liked that can't be used. What a waste just because of new outlandish technology gearing us to put all our stuff out there in the wild blue yonder and not safely tucked into our computers!

My next project is to try to download my camera program for downloading my photos to my computer. I wonder if I will have difficulty with that one as well!!

I must say that there are many new things that I am enjoying with this new set-up especially a much bigger screen, better speakers and the ability to look at videos and the likes from the internet without being told by my computer that I am running out of space and ending up not being able to watch any more. It is also nice to have the speedy reaction of everything I click on. My old computer was so desperately slow. I would click onto my e-mail program or the internet to research something and go away to do something else while it came up

on the screen. Then I would get busy on something else and forget what I had started on the computer.

This new computer is sure stretching my brain learning all this new stuff!!! I guess it will keep my mind alert and that is a good thing.

When I read back over this it makes me chuckle now but sure didn't when I was in the process!!

> ***Two weeks after her first message, Louise sent the message below, titled "Success". I thought it was worth sharing in this issue, rather than putting it off until March.***—jb

I am now [two weeks later] beginning to understand and enjoy Windows 8 and my new Microsoft Word 2012 Home and Student.

A friend also gave me a website for downloading Kingsoft Suite that makes presentations, has spreadsheets and has a writer for documents. It is practically identical to Microsoft Word 2003 which is what I used before. So what I can't get the Microsoft Office to do I can get the Kingsoft to do. The Word 2012 has lots of new and interesting features that I can incorporate in my work. Sometimes it is a little frustrating but for the most part an enjoyable adventure in making new documents.

I am working with Print Master on creating a new brochure. There are some things lacking in the program which I had before so I have just decided to do it a little differ-

ently and go with what is available. It is a bit of a lengthy process because I am learning as I go on how to do what I want it to do.

Everything seems to be working more smoothly now. Even though the set-up was a frustrating nuisance, I did get some good laughs out of it and help from different sources so it wasn't all that bad.

You can now reassure your computer buddies that with stubborn (?) persistence Windows 8 is doable and can be fun even if it is time consuming to learn.

Filler
by John Buck

5 SECURITY HOLES ALMOST EVERYONE'S VULNERABLE TO

"Unless you keep up to date on all the security news, it's easy to miss a bit here and there about what has been exploited and what hasn't. We're all vulnerable at some point, and if you haven't touched the settings on your computer since you took it out of the box, it might be time to take another look."

- UPnP Allows Access to Your Gear from Outside Sources
- WEP/WPA Passwords on Your Router Are Easy to Crack
- Browsing Without HTTPS Leaves You Vulnerable to Snoopers
- All the Apps, Software, and Websites You Use Might Accidentally Leak Data
- Strong Passwords Aren't Enough to Protect Against Everything

—from Lifehacker
—http://tinyurl.com/anfsthh

SPAUG CALENDAR Always subject to change; verify event with host or Jim Dinkey					
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	28		**30**			**2**—Clinic, by appointment only

	4
	7–9 pm WinSIG
	    NO BIYSIG in Feb
	    Central Computers
			6			**9**—Clinic, by appointment only

	11
	7–9 pm WinSIG
	    Central Computers
			13
			5:45 pm Dinner (Optional),
			        Elks Lodge—Bistro
			7:15 pm General Meeting
			    Elks Lodge, 4249 El Camino, PA
			Speaker: Simon "Pete" Worden,
			        PhD
						16—Clinic, by appointment only

	18
	7–9 pm DISIG
	    Central Computers
			20
			7:15 pm Planning Meeting,
			        Bev Altman's
				22		**23**—Clinic, by appointment only

	25 **7–9 pm** WebSIG Central Computer		**27**			**2**—Clinic, by appointment only

Saturday Clinic

Clinics usually are held when needed. **Call Jim Dinkey** to make a reservation. The clinics are to help you unscrew your Windows XP and Windows 7.

Email: jimdinkey at jimdinkey.com or call 650-493-9307 for an appointment.

Planning Meeting

Planning meetings are usually held on the **third Wednesday** of each month at Beverly Altman's home at 7:15 pm. All members are welcome and encouraged to attend. **Please phone Jim Dinkey or Bev Altman to confirm venue.**

Next meeting: Wednesday, **February 20**, 2013 at **7:15 pm,** at **Bev Altman's home**.

SIGS

NOTE: SPAUG-member participation in any of these SIGS requires membership in SVCS, currently $12/yr. SVCS is not a part of SPAUG.

- **Build It Yourself SIG—1st Monday** each month
- **WinSIG—2nd Monday** of the month
- **DISIG—3rd Monday** of the month
- **WebSIG—4th Monday** of the month

For more info about these SIGs, go to svuga.org

ALL SIG Meetings Are Held At
Central Computers
3777 Stevens Creek Boulevard
Santa Clara
—http://tinyurl.com/bu5mlcl

Listserver   spaug-list at svpal.org

Any member on the spaug-list can send messages to all other members on the list automatically by sending e-mail to this address. This list is intended for announcements of interest to all SPAUG members. Please avoid excessive or trivial announcements, since some members are paying for connect time. Additions or corrections can be sent to:

info at pa-spaug.org

The SPAUG Web Page is available at

http://www.pa-spaug.org

**hosted by
www.svpal.org/**

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Free
You get one ticket for free when you sign in at a general meeting.

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Must be present to win

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Without-Whoms

SPAUG is an all-volunteer operation. Listed below is contact information for those who work to keep it happening.

You are invited to help.

President: *Jim Dinkey*
jimdinkey at jimdinkey.com
(650) 493-9307

Vice President: *John Sleeman*
sleemanjc at copperhouse.net
(650) 326-5603

Recording Secretary: *Stan Hutchings*
stan.hutchings at gmail.com
(650) 325-1359

Treasurer: *Nat Landes*
natlandes at gmail.com
(650) 851-2292

Membership: *Beverly Altman*
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WebMasters:
- *Stan Hutchings (see above)*
- *John Sleeman (see above)*

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  (650) 867-2852

Computer Clinic: *Jim Dinkey (see above)*

►►►*Positions Open:*
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- Publicity