

# Print Screen

January 2001

Vol. XIX No. 1

Newsletter of the Stanford / Palo Alto Users Group for PC (SPAUG),  
a Non-Profit / Educational Organization

PO Box 20138, STANFORD CA 94309-0138 <http://www.pa-spaug.org>

First issue  
of the third  
millennium!

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## President's Message ...

### Notes from the Prez

by Jim Dinkey

THIS ISSUE OF *Print Screen* is oversize because there are a number of items that we thought you should have and the Board was willing to invest the money.

The most obvious is that we have printed all of the comments by Hank Skawinski of Datawise about the foibles of the current marketplace and the problems we should all be avoiding. Read the review carefully to make your life easier as you avoid problems.

One of the items that Hank stated was that the Millennium Edition of Microsoft Windows is not ready for the consumer. My sample of the situation is exactly two, but I certainly have to agree with his statement.

I RAN INTO THE MILLENNIUM NOT READY SITUATION WHEN, before I arrived on the scene of the carnage, the customer had installed Win98 on his PC, had problems, and reinstalled Win95, then didn't like that either so went back to Win98. The machine could not boot and so, in desperation, I went ahead and installed Millennium. It did stop the crashing and it did stop the noticing of the .VXD files that were left over from the Win95 install. The .VXD files are left over from the servicing of a Win95 kernel.

## Next General Meeting ...

**Wednesday, January 31**

5:45 pm (Optional) Dinner at Su Hong

**7:15 pm, Palo Alto Elks Lodge**

Topic: ***Computer Innovations for the Handicapped***

Speaker: *Neil Scott, Chief Engineer,  
Archimedes Project, Stanford  
University Center for the Study of  
Language*

Archimedes Project URL:

[archimedes.stanford.edu/](http://archimedes.stanford.edu/)

Speaker URL:

[archimedes.stanford.edu/ngs/](http://archimedes.stanford.edu/ngs/)

*For more info, see next page* ↗

There I was with a running machine, so we could now get back to the original business of a backup system and switching him over to Earthlink at his request.

Then the fun started all over again.

The Earthlink CD (new) would not install. Said something about didn't like the version. A call to Earthlink customer support informed us that the version we had (just mailed out by Earthlink) was 4.02 and that 4.03 would be required for Millennium. Sure, they will send the client a new CD, but even though Millennium has been out for four (4) months, the problems of interfacing have still not been resolved.

We had more fun when the tape drive needed to back up his computer came in. Right through the internal shrink wrap for the HP Colorado tape

*(Continued on page 2)*

## President's Message (Continued) ...

*(Continued from page 1)*

drive was a little note stating that Millennium users should go to a specific HP web page for further information. We did. The site stated that the box we were holding in our hands was not Millennium ready and that HP would send us the Millennium patch for \$30 when the web site was changed to say that the patches were ready. The box is on its way back to the distributor.

The point is simply that the supplier community is not ready for Millennium and the user community is best off ignoring it until the marketplace gets all of their offerings corrected. Never mind it doesn't work; we don't need the hassles.

SPAMMERS are still alive and well; but there is something around to give them indigestion: SPAMCOP.

By going to the site [www.spamcop.com](http://www.spamcop.com), you can download a SPAMCOP program. When the spam is copied into SPAMCOP, then SPAMCOP will analyze the spam. The result is an automated analysis of the mail headers, checking with the purported sites, and calculating a list of the system managers for the offender. The effect is to present to the website administrator the information necessary to justify his shutting down the site. It gave me great pleasure when I was informed that one spammer was shut down and the \$200 fee was assessed. Normally I get no feedback.

The whole purpose of this portion of the letter is to enlist your aid in the suppression of spam. Please go to the site and see what you can do.

**AOL IS THE MOST-USED ISP BY OUR MEMBERS.** One of our members checked out the distribution of e-mail address of our members. It turns out that AOL has about 25, then about 10 ISPs with set of two members, and the rest having just one per ISP. It is sort of sad that we have the cream of the computing crop, but a preponderance with a vendor that clearly does not provide stellar service or facilities.

*(Continued on page 3)*

## General Meeting ...

### Locations ...

#### **5:45 pm, (for Optional dinner) Su Hong Eatery, El Camino Way at West Meadow, Palo Alto**


- **If you're on El Camino Real (ECR):** Starting at Charleston, head north on ECR (toward Stanford U) in the far right lane. At the traffic signal a few car lengths north of Charleston, turn right onto El Camino Way, a narrow two-way street. Su Hong is immediately to your right at the stop sign for the W. Meadow intersection, across from the Goodwill store.
- **If you're on West Meadow:** Drive toward the peninsula hills. West Meadow ends at El Camino Way. Su Hong will be on your left. Parking may be tight in Su Hong's lot; you may have to park on the street.

#### **7:15 pm, General Meeting, Elks Lodge, 4249 El Camino Real, Palo Alto**


The Elks Lodge is on the bay side of the street, between Charleston and San Antonio Road, but closer to Charleston. It is next to Dinah's, which has a tall landmark tower.

Use the lodge's front lot and main entrance. The entrance has a card-operated lock. If no one is there to let you in, use the wireless SPAUG doorbell we place (usually to the right of the entrance) and wait for someone to come for you.

We meet in the Lodge Room, which is straight ahead and to the left.

We thank the Elks Lodge for the continuing use of their Lodge room. 

### Usual 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 

## President's Message (cont'd)...

(Continued from page 2)

CDs CAUSE FILE READ/WRITE ATTRIBUTES TO BE CHANGED TO WRITE. Again, I have been asked how to handle the problem that data written onto a CD has its READ/WRITE attribute set to READ, which disrupts the subsequent usage. The problem does not show up everywhere, but usually only in software that does not initialize itself completely. The key is to stop using CDs for a purpose for which they, obviously, were not designed. I keep coming back to tape as the best media for this activity.

MICROSOFT INTERNET EXPLORER IS THE WINNER. With the fact that the percentage of users that are using Microsoft's Internet Explorer (IE) having gone from 0 to now about 88%, the Netscape/IE battle is all over. More proof that if you give away junk, you will do better than if you merely make it difficult to load. The same philosophy applies to Linux. That having been said, it is important to know how to transfer the Bookmarks of Netscape to the Favorites of IE.

HOW DOES ONE MIGRATE BOOKMARKS TO FAVORITES? Basically, one needs to go to the IE FILE | IMPORT AND EXPORT to cause the Netscape Bookmarks to be merged into the Favorites. The opposite can then be initiated and the result of the Favorites being transferred back to the Bookmarks is that the results are sorted. This means that if you modify the bookmark entries such that the first word of the description is unique, all of the bookmarks that are associated with each other will all be gathered together. This same import feature is handy when I hand out 300 bookmarks to my class, as they can just do an import directly from a floppy. By alternating back and forth between the two browsers, one can bring all of the Bookmarks/Favorites identically to each browser.

CABLE MODEMS NO LONGER VIABLE. I just spent my Sunday at a senior center setting up 15 computers for the beginning of classes the next day. One of the things we needed to do was to download the current virus information, and also the current patches to the Microsoft software. Because the cable modem worked for only the first ten minutes of the day, we did not accomplish what we had to do. The point is that the service is

below minimum standards. I am processing my own switch to Earthlink's DSL service. If you are an AT&T customer, I urge you to do the same. I had originally expected that with cessation of service by ISPChannel, that AT&T would buy the head end equipment of ISPChannel to permit the transition to be easy and smooth. I found out at a Cable Co-op past Board of Directors' meeting, that ISPChannel has been taking the equipment out of service and selling it out the back door. So much for customer service from both of the companies.

As I said before, Earthlink and DSL at \$39 per month is my recommendation.

Regards, Jim



## SPAUG Memory Lane ...

### How far have we come in five years?

by John Buck

One of my searches led me to the Aug 1995 issue of *Print Screen*, available on SPAUG's website.

It was interesting to compare some of what was there with what's happening now. For example:

The editor was Mildred Kohn, now my co-Editor.

An Internet SIG had started July 19, 1995, led (I think) by Kendric Smith. Five years later, an Internet SIG started July 20, 2000, led by Stan Hutchings, with Kendric Smith as one of its members. It was interesting to compare some of the information presented then with what we're learning now. Another participant in both groups is Jim Dinkey.

There was an article about Computer Viruses, written by someone from McAfee Associates.

Kendric also provided info about Netscape Bookmarks, based on a note from Dominik Hoffman to MacWorld.

It's interesting to look back and see how things have and haven't changed



COMPANY:  
 PERSON:  
 PHONE:  
 FAX:

DESCRIPTION: 667 MHz Micro Desktop Computer System

SYSTEM COMPONENTS -- LESS MONITOR PRICE

1	Elite FLEX-PC Micro-size Integrated Desktop Chassis:	Inc.
	* Small foot-print Slim Desktop Case & UL Power Supply	
	* Pentium-II Motherboard (PC100) based on Intel 810 chipset	
	* Integrated Intel AGP Video with 4 MB memory	
	* Integrated Sound Functions	
	* Integrated Davicom Network Functions	
	* Integrated 56K baud FAX Modem	
	* Slim 3.5" Floppy Disk Drive	
	* Full-size 40x CDROM Drive	
2	667 MHz Pentium-II Intel Celeron 128 CPU with Fan & Heatsink	Inc.
3	64 Megabytes PC100 SDRAM System Memory, 168-pin DIMM	Inc.
4	MPE3102AT Fujitsu UDMA 10gb IDE Hard Drive	Inc.
5	3601QUS2 Keytronic Enhanced PS2 Windows Keyboard	Inc.
6	MS-PS2N Microsoft PS2 IntelliMouse (wheel) & Mouse Pad	Inc.
7	Z-1 Zodiac Stereo 10-Watt/channel Powered Speaker System	Inc.
8	Microsoft Windows ME Millenium, full boot version	Inc.

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 SYSTEM TOTAL, less tax \$750.00

MONITOR OPTIONS ADD:

1	DE556 Impression 15" S-VGA Digital Monitor, 1024x768 res, 0.28dp	\$150.00
2	DE770 Impression 17" S-VGA Digital Monitor, 1280x1024 res, 0.27dp	\$235.00

UPGRADE OPTIONS ADD:

1	128 megabytes total SDRAM system memory	\$40.00
2	256 megabytes total SDRAM system memory	\$120.00

NOTES

- 1 Desktop are systems warranteed for one(1) year, parts/labor, in Datawise shop.
- 2 All prices are subject to change without notice.
- 3 Availability: typically 5 business days ARO (after receipt of order).
- 4 Payment Terms: Net Invoice.
- 5 Payment method: Cash, check, VISA or Mastercard
- 6 All systems are thoroughly tested and "burned-in" for 5 full days

DATAWISE BUSINESS COMPUTER SYSTEMS  
 830-4 Jury Court \* San Jose, CA 95112  
 TEL: 408-993-9473 FAX: 408-993-9479  
 EMAIL: hank@datawise-pc.com

COMPANY:  
 PERSON:  
 PHONE:  
 FAX:

## DESCRIPTION:

800mhz Pentium-III CPU, 256mb SDRAM Memory, 2x 20gb Hard Drive, 12x DVD-ROM, ATI 32mb AGP Video, USR v90 Modem, Soundblaster LIVE, 3Com Network Adapter Powered Speakers w/Subwoofer, MS Intellimouse w/Wheel, MS Internet Keyboard, Plextor 12x CD-RW Drive, 250mb ZIP Drive, Windows 2000 Pro and Windows ME

## SYSTEM COMPONENTS -- LESS MONITOR

PRICE

SYSTEM COMPONENTS -- LESS MONITOR	PRICE
1 ABBE6v2 Abit PC133 Slot-1 P-III Motherboard	Inc.
2 800 MHz Intel Pentium-III CPU with 256K Cache + Cooling Fan	Inc.
3 256 Megabytes PC133 SDRAM System Memory, 168-pin DIMM	Inc.
4 7896A Full-size ATX Tower Case & 250-Watt UL Power Supply	Inc.
5 MPE3204AH Fujitsu 20.4 GB UDMA-66 IDE Hard Drive, 7200rpm (1st)	Inc.
6 MPE3204AH Fujitsu 20.4 GB UDMA-66 IDE Hard Drive, 7200rpm (2nd)	Inc.
7 MR57K Removable Hard Drive Kit, Cage + Insert (1st)	Inc.
8 MR57K Removable Hard Drive Kit, Cage + Insert (2nd)	Inc.
9 FD235HF Teac 1.44 MB 3-1/2" Floppy Disk Drive	Inc.
10 SDM1402 Toshiba IDE 12x/32x-speed DVD-ROM Drive	Inc.
11 PX-W1210A Plextor CD-RW Drive, 12x10x32x Internal IDE	Inc.
12 ZIP250-D Iomega IDE Internal 250 MB ZIP Drive + ZIP Disk	Inc.
13 ATI RagePro 128 AGP Video Adapter with 32 MB memory	Inc.
14 Microsoft Internet Pro Enhanced PS2 Windows Keyboard	Inc.
15 MS-IM2 Microsoft PS2 IntelliMouse with Wheel & Mouse Pad	Inc.
16 Extension Cables for Monitor, Keyboard, Mouse & Speakers	Inc.
17 SPPS-7 Surge-protected 7-outlet Power Strip with 6-foot Cord	Inc.
18 2977 US Robotics Sportster PCI 56K Hardware v90 Internal FAX Modem	Inc.
19 CT4830 Creative Soundblaster LIVE Quad-channel Sound Board	Inc.
20 MLI-490 Surround-Sound 70-Watt Speaker System with Sub-Woofer	Inc.
21 3c905TX-B 3Com PCI Fast Ethernet 10/100 Network Adapter	Inc.
22 Norton System Works 2001 on CDROM with 1-year subscription	Inc.
23 Microsoft Windows 2000 Pro, OEM version on CDROM	Inc.
24 Microsoft Windows ME Millenium, OEM version on CDROM	Inc.

SYSTEM TOTAL, less tax \$2,340.00

## NOTES

- 1 All systems warranted for two(2) years, parts & labor, in Datawise shop.
- 2 Delivery: typically 5 business days ARO (after receipt of order).
- 3 Payment: C.O.D. (cash, check, VISA or Mastercard accepted)
- 4 Prices are subject to change without notice.
- 5 All systems are thoroughly tested and "burned-in" for 5 full days

DATAWISE BUSINESS COMPUTER SYSTEMS  
 830-4 Jury Court \* San Jose, CA 95112  
 TEL: 408-993-9473 FAX: 408-993-9479  
 EMAIL: hank@datawise-pc.com

See Page 2 for SYSTEM UPGRADE OPTIONS --->

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MONITORS		PRICE
1	DE556 Impression 15" S-VGA Digital Monitor, 1024x768 res 0.28dp	\$150
2	DE770 Impression 17" S-VGA Digital Monitor, 1280x1000 res 0.27dp	\$235
3	DE995 Impression 19" S-VGA Digital Monitor, 1600x1200 res 0.25dp	\$365
4	CM811U Hitachi 21" Digital Color Monitor, 1600x1200 res, 0.22dp	\$985
PROCESSORS		
5	850 MHz Intel Pentium-III CPU with 256K Cache + Cooling Fan	\$75
6	933 MHz Intel Pentium-III CPU with 256K Cache + Cooling Fan	\$200
7	1000 MHz Intel Pentium-III CPU with 256K Cache + Cooling Fan	\$335
MEMORY		
8	384 Megabytes PC133 SDRAM System Memory, 168-pin DIMM	\$160
9	512 Megabytes PC133 SDRAM System Memory, 168-pin DIMM	\$240
10	768 Megabytes PC133 SDRAM System Memory, 168-pin DIMM	\$400
HARD DISK DRIVES and REMOVABLE CAGES		
11	DTLA-307030 IBM DeskStar UDMA 30 GB IDE Hard Drive, 7200rpm	\$50
12	DTLA-307045 IBM DeskStar UDMA 45 GB IDE Hard Drive, 7200rpm	\$80
13	DTLA-307060 IBM DeskStar UDMA 60 GB IDE Hard Drive, 7200rpm	\$190
14	DTLA-307075 IBM DeskStar UDMA 75 GB IDE Hard Drive, 7200rpm	\$315
15	RH57-C Removable Hard Drive Insert only	\$15
CDROM DRIVES		
16	CD5233E Creative Labs IDE 52x-speed CDROM Drive (in place of DVD)	-\$65
17	Sigma Hollywood-II MPEG-3 Decoder Board for DVD Drive	\$75
VIDEO ADAPTERS		
18	ATI RagePro AGP Video Adapter with 8mb memory	-\$40
19	ATI All-in-Wonder 128 AGP Adapter + TV/Capture with 32 MB memory	\$130
20	GF2MX G-Force MX Super AGP Video Adapter with 32 MB memory	\$50
21	VX-1 3dLabs Oxygen Ultra AGP Video Adapter with 32mb memory	\$120
TAPE BACKUP DRIVES		
22	ST8000-D Seagate 8 GB IDE Internal Tape Drive + TR4 Tape	\$220
23	ST8000-S Seagate 8 GB SCSI Internal Tape Drive (req'rs DC395)	\$265
24	DC395 Tekram SCSI-2 PCI Controller (req'rd for SCSI tape drive)	\$50
25	TR4 Tape Cartridge, 8.0 gigabyte preformatted	\$30
SOUND CARD and SPEAKERS		
26	PCI-128 SoundBlaster Stereo Sound Board (in place of LIVE)	-\$25
27	Z-1 Zodiac 10-Watt/channel Powered Speaker System	-\$70
28	MLI-480 Stereo 30-Watt Stereo Speaker System + Sub-Woofer	-\$40
SOFTWARE (with system only)		
29	Microsoft Office 97 Small Biz Edition (Word, Excel, Outlook)	\$145
30	Microsoft Office 2000 Small Biz Edition (Word, Excel, Outlook)	\$200
31	Microsoft Office Pro 2000 on CD-ROM (OEM, with system only)	\$340

COMPANY:  
 PERSON:  
 PHONE:  
 FAX:

DESCRIPTION:

800mhz Pentium-III CPU, 128mb SDRAM Memory, 20gb Hard Drive, 12x DVD-ROM,  
 ATI 32mb AGP Video, USR v90 Modem, Soundblaster LIVE, Network Adapter  
 Powered Speakers, MS Intellimouse w/Wheel, Keytronic Keyboard, Windows ME

SYSTEM COMPONENTS -- LESS MONITOR PRICE

-----		
1	ABBE6v2 Abit PC133 Slot-1 Pentium-II/III Motherboard	Inc.
2	800 MHz Intel Pentium-III CPU with 256K Cache + Cooling Fan	Inc.
3	128 Megabytes PC133 SDRAM System Memory, 168-pin DIMM	Inc.
4	LH734 CaseEdge MidTower Case & UL 235-W Power Supply	Inc.
5	MPE3204AH Fujitsu 20gb UDMA66 IDE Hard Drive, 7200rpm	Inc.
6	RH57K Removable Hard Drive Kit (Cage + Insert) for 2nd drive	Inc.
7	FD235HF Teac 1.44 MB 3-1/2" Floppy Disk Drive	Inc.
8	SDM1402 Toshiba IDE 12x/32x-speed DVD-ROM Drive	Inc.
9	ATI RagePro 128 AGP Video Adapter with 32 MB memory	Inc.
10	3601QUS2 Keytronic Enhanced PS2 Win95 Keyboard	Inc.
11	MS-IM2 Microsoft PS2 IntelliMouse with Wheel & Mouse Pad	Inc.
12	Extension Cables for Monitor, Keyboard, Mouse & Speakers	Inc.
13	SPPS-7 Surge-protected 7-outlet Power Strip with 6-foot Cord	Inc.
14	2977 US Robotics Sportster PCI 56K Hardware v90 Internal FAX Modem	Inc.
15	CT4830 Creative Soundblaster LIVE Quad-channel Sound Board	Inc.
16	Z1 Zodiac Stereo 10-Watt/channel RMS Powered Speaker System	Inc.
17	DFE530TX D-Link PCI Fast Ethernet 10/100 Network Adapter	Inc.
18	Network Patch Cable, Cat5 Twisted-pair, 14 feet	Inc.
19	Norton System Works 2001 on CDROM with 1-year subscription	Inc.
20	Microsoft Windows ME Millenium on CD-ROM, OEM full-boot version	Inc.
		---
	SYSTEM TOTAL, less tax	\$1,290.00

MONITOR OPTIONS PRICE

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1	DE556 Impression 15" S-VGA Digital Monitor, 1024x768 res 0.28dp	\$150.00
2	DE770 Impression 17" S-VGA Digital Monitor, 1280x1000 res 0.27dp	\$235.00
3	DE995 Impression 19" S-VGA Digital Monitor, 1600x1200 res 0.25dp	\$365.00

NOTES

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  - 4 Prices are subject to change without notice.
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 EMAIL: hank@datawise-pc.com

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PROCESSORS		
1	667 Mhz Intel P-II Celeron CPU with 128K Cache + Cooling Fan	-\$140
2	850 MHz Intel Pentium-III CPU with 256K Cache + Cooling Fan	\$75
3	933 MHz Intel Pentium-III CPU with 256K Cache + Cooling Fan	\$200
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MEMORY		
5	256 Megabytes PC133 SDRAM System Memory, 168-pin DIMM	\$80
6	384 Megabytes PC133 SDRAM System Memory, 168-pin DIMM	\$160
7	512 Megabytes PC133 SDRAM System Memory, 168-pin DIMM	\$240
8	768 Megabytes PC133 SDRAM System Memory, 168-pin DIMM	\$400
HARD DISK DRIVES and REMOVABLE CAGES		
9	DTLA-307030 IBM DeskStar UDMA 30 GB IDE Hard Drive, 7200rpm	\$50
10	DTLA-307045 IBM DeskStar UDMA 45 GB IDE Hard Drive, 7200rpm	\$80
11	DTLA-307060 IBM DeskStar UDMA 60 GB IDE Hard Drive, 7200rpm	\$190
12	DTLA-307075 IBM DeskStar UDMA 75 GB IDE Hard Drive, 7200rpm	\$315
13	RH57-K Removable Hard Drive Kit, Cage + Insert	\$30
14	RH57-C Removable Hard Drive Insert Only	\$15
ZIP DRIVES and DISKS		
15	ZIP100-D Iomega IDE Internal 100 MB ZIP Drive + ZIP Disk	\$70
16	ZIP250-D Iomega IDE Internal 250 MB ZIP Drive + ZIP Disk	\$120
17	ZIP Disk Cartridge, 100 MB preformatted	\$10
18	ZIP Disk Cartridge, 250 MB preformatted	\$20
CDROM and DVD DRIVES		
19	CD5233E Creative Labs IDE 52x-speed CDROM Drive (in place of DVD)	-\$65
20	PX-W1210A Plextor IDE 12x10x32x "Burn-Proof" CD-Writer Drive	\$265
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23	ATI All-in-Wonder 128 AGP Adapter + TV/Capture with 32 MB memory	\$130
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25	VX-1 3dLabs Oxygen Ultra AGP Video Adapter with 32mb memory	\$120
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26	ST8000-D Seagate 8 GB IDE Internal Tape Drive + TR4 Tape	\$220
27	ST8000-S Seagate 8 GB SCSI Internal Tape Drive (req'rs DC395)	\$265
28	DC395 Tekram SCSI-2 PCI Controller (req'rd for SCSI tape drive)	\$50
29	TR4 Tape Cartridge, 8.0 gigabyte preformatted	\$30
LARGE MONITORS		
30	5LSP Impression 15" Flat-panel LCD Monitor, 1024x768	\$790
31	CM715U Hitachi 19" Digital Color Monitor, 1600x1200 res, 0.22dp	\$490
32	CM811U Hitachi 21" Digital Color Monitor, 1600x1200 res, 0.22dp	\$985
33	CM813U Hitachi 21" Digital Color Monitor, 1856x1392 res, 0.22dp	\$1,085
SOUND CARD and SPEAKERS		
34	PCI-128 SoundBlaster Stereo Sound Board (in place of LIVE)	-\$25
35	MLI-480 Stereo 30-Watt Stereo Speaker System + Sub-Woofer	\$40
36	MLI-490 Stereo 70-Watt 4-channel Speaker System + Sub-Woofer	\$95
NETWORK ADAPTERS		
37	3C905TX 3Com PCI Fast Ethernet 10/100 Network Adapter	\$35
ENCLOSURE OPTIONS		
38	7896A Full-size Tower Case with 250-W UL Power Supply (7 bays)	\$120
SOFTWARE (with system only)		
39	Microsoft Office 97 Small Biz Edition (Word, Excel, Outlook)	\$145
40	Microsoft Office 2000 Small Biz Edition (Word, Excel, Outlook)	\$200
41	Microsoft Office Pro 2000 on CD-ROM (OEM, with system only)	\$340
42	Microsoft Windows 2000 Pro Workstation (or NT Workstation v4.0)	\$80



## Technical Tip ...

### Finding Bcc: Addressees in your Sent messages

by John Buck

#### Summary

Bcc: addresses in sent messages are easier to find in Netscape Messenger than in MS Outlook Express.


#### Introduction

Suppose you've sent a message that included some Bcc: addresses and you now want to see who those addressees were. "Bcc:", after all, means "Blind Carbon Copy", and is used when you want to keep the identity of a recipient hidden from other recipients (but not necessarily from yourself).

#### In Netscape Messenger

Open Netscape Messenger's "Sent" folder, then open the message. Bcc: addressees will be displayed with other addressees at the top of the display. What could be easier?


#### In Outlook Express

If all recipients were in the Bcc: area, your message shows in your "Sent Items" items folder with a blank "To" listing; you'll see "To: none" in the address area if you open the message. Your Bcc: addressee information is not lost, however. To recover it: **1)** Open the message; **2)** Select "File", then **3)** Select "Properties", then **4)** Select "Details". What could be easier? Netscape's way. 

## From other publications ...

### Jim Coates online

by John Buck

Jim Coates' columns on computers appear locally in the *SJ Mercury News*' Sunday "Personal Technology" section. He's home-based at the *Chicago Tribune*. You can visit recent columns online at <http://chicagotribune.com/tech/coates/pastcolumns/>. 

## Internet ...

### Check out the e-mail providers

by John Buck

Are you aware of how many e-mail providers there are out there? And how different they can be? I wasn't until I got curious about some of those names that follow the @ in our e-mail addresses. Especially check out the names you're not familiar with. We SPAUGers (...ists? ...ies? ...iacs? ...im? ...oids? ...ologists?) are probably far enough from average and diverse enough in our capabilities, interests, tolerances, etc., that we may have had some interesting reasons for choosing the provider whose name hangs onto the end of our e-mail names.


To check this out, go to the contact area of SPAUG's website (<http://www.pa-spaug.org/mail-1st.htm>), then, as you run your cursor over the names, note the link names that show up in the status bar at the bottom of your display. Some seem to be places of employment. Some are simply one of the big providers (like AOL). Others will be places you may never have heard of. To visit that provider's site, simply type

"`www.<provider name>`" (without quotes, of course) in your address bar, where "`<provider name>`" is the string that follows the "@" symbol in the e-mail name.

For example, to check out the e-mail provider of "`jqpublic@ne1neware.com`", type "`www.ne1neware.com`".

BTW—of 74 names I found on SPAUG's contact list,

- 25 use AOL
- 2 use Earthlink
- 2 use home.com
- 3 use hotmail.com
- 2 use ix.netcom.com
- 3 use mediacity.com
- 4 use pacbell.com
- 2 use prodigy.net
- 2 use svpal.org

The remainder of the providers show one SPAUG user each. 

***Let others know about SPAUG — Please post your flyer***

### General meeting notes ...

#### SPAUG general meeting 29 November 2000

by Stan Hutchings, and including material provided by Sid Owens

**President Jim Dinkey** acknowledged our slate of new officers:

**Treasurer:** Nat Landes

**Programs Director:** Patricia Corrigan

**Recording Secretary:** Maury Green

**Publicity Manager:** Marvin Kraft

**Newsletter:** John Buck, with

**Co-Editor:** Mildred Kohn, and

**Business Manager:** Robert Mitchell

**Webmaster:** Stan Hutchings

**Webmaster Emeritus:** Kendrick Smith

**Web apprentice:** John Sleeman.

The positions of **Vice President** and **Secretary** are open, we're looking for volunteers.

Nominations were closed, the slate was voted on and elected.

#### Crosstalk

**Jim Dinkey** described a problem he had with restoring some files during a recovery operation. Apparently, when files got written to a CD during backup, they were ALL set to Read Only. After doing a restore, he subsequently received messages that some files could not be written, which didn't make any sense to him at the time, but the message was warning him that the mailbox was being trashed. Some programs require the attributes to be changed after being restored in order for the program to be able to use them. In this case, Eudora required certain files to be read/write so it could update the Mailbox and Address Book (and perhaps others). After much time spent troubleshooting and talking to support personnel, Jim found out he had to manually change the attributes from read only to read/write. Once the changes were made everything functioned normally, but in the meantime, a lot of corruption occurred.

**Lamont Shadowens'** office was robbed recently. Even worse than the hardware loss was the loss of data. He recommends backing up and keeping at least one backup at a separate site, preferably using a removable drive or removable media. A multiple backup is even better, several generations, three or more, is preferred.

To a question about which kind of **batteries** are best, the recommendation is metal hydride, such as lithium metal hydride, or nickel metal hydride.

One common source of **error messages** is often . DLL files. These files often get overwritten with an obsolete or incompatible version when new applications are installed, or otherwise get corrupted. When this happens, the best thing to do is refresh them. Windows 98 will do this for you.

If **Adobe Acrobat** has trouble opening a file, instead of trying to open it, download it to the hard drive, then open with Acrobat. This will usually work.

A problem with **slow e-mail downloads** was reported. This can be caused by power management by the computer; other applications running in the background; trying to download very large files with attachments; a busy Internet connection; a slow server; etc. Try using msconfig to shut off non-essential programs.

#### President's remarks

Welcome to our guests.

There will be a party Tuesday Dec. 12th at the Elks Lodge, with Celtic musicians providing the entertainment. Check the newsletter or web page for more information.

The club's CDOM CD2000.12 is ready for sale. The cost is \$20. This makes a great Christmas present.

#### Guest speaker presentation

**Hank Skawinski**, President of Datawise (<http://www.datawise-pc.com/>) gave a presentation about what he has done for living since 1985, which is to

*(Continued on page 11)*

## SPAUG Club Business (continued) ...

### General meeting notes (cont'd) ...

(Continued from page 10)

build, service and support computers for business customers. He would be glad to sell you your next computer, or support the one(s) you have.



Photo by *Print Screen* Staff Photographer Mildred Kohn

Hank had examples of three systems at the meeting (see picture above): big Bertha (right, with access panel open) in the \$2500+ price range, little Bertha (the mini throwaway computer in the middle, to the right of the monitor, about the size of a thick phone book) and the standard system (left, attached to the monitor to its right) in a price range of \$1000-\$1500 .

**Big Bertha** is for the power user, it is a full tower, configured with an Abit motherboard with Intel CPU and chipset. A Gigabyte motherboard is an alternate. Other hardware includes a 3.5-inch floppy, DVD drive, Plextor 12x CD/RW, 250 MB zip drive, dual removable hard drives. The Norton Ghost program is used as a secondary backup, this makes an image of a drive on another drive. A \$2400 DAT tape backup is also available as an extra option. As built, you could expect 8 – 10% would have infant mortality. Datawise burns them all in for one week with a hard use program. As a result, customer's early failures are at about the 1% level; after burn-in, problems are usually caused by software. The device drivers usually the biggest problem.

**Little Bertha** costs about \$750, and comes with 64 MB RAM, 10 GB hard drive, network card, modem, etc. all included. The monitor is extra. This unit is considered a throwaway, because it will be obsolete in about two years, and is not readily upgradable.

**The standard system** uses ATI video board, Sound Blaster sound card exclusively, U.S. Robotics modem, but not a software modem, which often gives problems, jerky cursor movement, lockups, etc. General advice - DO NOT use "Software" modems - they are made with the minimum of hardware components to keep cost down, and instead use the CPU for modem control commands. This makes them cheaper, but they often cause problems. The network card would be from 3Com or Intel. There is room for 5 each 5-1/4 inch devices and 8 IDE devices are supported.

Windows 98 is the **operating system of choice** so far. Windows Me is good, but has some issues. Me is a slightly updated Windows 98 Second Edition modified to look more like W2000. It has very few advantages, is less bug-free than Win98, uses more space (there are about 30 million lines of code) and won't work with some programs. Me has no DOS mode - if you need DOS you must create a Win98 boot disk and use that [or create a dual-boot system]. One annoyance is its "find" has been changed to "search". Some legacy programs and some games are not supported, particularly if they need to run in DOS.

Even though **Win98** is used, it is not perfect. Check "Annoyances" books – e.g. Windows 98 Annoyances (with CDROM), published 1998, \$19.98 at Amazon. Also Word 97 Annoyances, 1998, \$24.95 and one or two more. Very good.

Hank answered a question about **Buffer Under-runs during CD-ROM recordings**. The CD recording starts in the center of the disk and spirals out. This is the way they were first designed when they were used for audio recording at 300 RPM. This has caused great problems in recording data, because if enough data is not received by the CD

(Continued on page 12)

General meeting notes (cont'd) ...

*(Continued from page 11)*

recorder, it loses track of where it is, has to go back to the center of the disk and try to find where it left off. Usually this results in the disk being fit for use as a coaster. Plextor has developed a burn-proof technology to resume in the case of a buffer under-run.

**DVD writers** are not generally available yet, this is because of politics (copyright concerns), not technology.

**Recordable CDs and Re-Writable CDs** are read by a laser beam shining through the lower surface, through the plastic, reflecting (or not) from the top, and returning back through the plastic and lower surface. That **lower surface is not very fragile** and scratches can frequently be polished out. The **top surface carries the data and is fragile**. Scratches cannot be repaired, and if this coating is damaged or removed, the disk becomes worthless. Most brands have a thin protective plastic sheet laminated to the top, but the cheapest do not. Better brands have a protective label. Finally, better ones have a jewel case or other cover. When the price of a label and case is added to very cheap CDs, the total cost saving is not much if any. Therefore, buy the better ones. Use a felt tip pen to mark them, and be very careful not to scratch the surface.

**Discs that use blue dyes seem to be better** than discs that use green dyes; results for gold are still not in. Verbatim value life disks are Hank's favorite. You can get 50 for about \$27. (Hank and Jim Dinkey recommend CNET for pricing, also CompareNet and MySimon are good. To try CNET, go to CNET, click on Prices, feed it the item you want and enjoy the benefits. Do your calculations of shipping and taxes, and go from there.)

**For archiving data**, you should use CD-R, not CD-RW. These recordings should last in excess of 100 years. CD-RW has problems being read by other computers, so it should be used with caution.

**For CD-RW** use Plextor 12X RW at about \$250. Generally, using CD-Rs (Write-Only) makes more sense than CD-RWs (Read/Write). They are cheap enough and can be read with any reader (including future products).

**DVD disks** hold 4.8 Gigabytes now. Writing on both sides and doubling amount per side will provide 19.2 Gigabytes relatively soon. Verbatim and Value are best readers. DVD is now useful only for places that have databases too large for CDs. DVD-RW technology is ready, but video and movie producers stand to lose too much. They are spending huge sums to keep recordable DVD off the market. It will be several years before they are available.

**Celeron is another name for PII.** The Intel PIII is just a fancy Intel PII that has a few extra instructions that some software uses; for example, Dragon NaturallySpeaking, Photoshop, etc. but the Intel PII is perfectly satisfactory for general use, and the extra expense of the Intel PIII is usually not justified, unless you have those specific programs that use it. Also, above 700 MHz, there is virtually no difference among the chips so far as speeding up the throughput. Faster CPU speeds have very little effect on actual use, because other system factors (I/O, bus speed, RAM speed, etc.) begin to have a greater influence on the speed than the CPU. Spend your money on other things!

**Concerning hard drives**, Seagate is the worst, and Maxtor has problems. Quantum has a bad recent history. Fujitsu and IBM are preferred because of their high reliability. Western Digital has had political problems the last year; they have re-labeled IBM drives. Removable hard drives are useful for backup. Prefer DAT tape drives for backup.

The **AMD chips** have some compatibility problems, but have equivalent performance and reliability to the Intel chips. They are fine for mainstream applications and hardware, but beware or if you're doing anything a little different - software is written for Intel chips. The occasional problem or incompatibility is probably not worth the money saved.

*(Continued on page 13)*

### General meeting notes (cont'd) ...

(Continued from page 12)


**Expect to need 128 MB RAM for Windows 98**, and 256 MB for Windows 2000. You should use the 133 MHz memory. It is the coming thing, and will be able to be used if you upgrade later. Hank mentioned "Memory Leak", a software problem that gradually reduces the amount of system RAM available. It is caused by programs exiting but not releasing all the memory they were using. This is "fixed" by rebooting occasionally. It was really bad in Win 3.1, better in Win 98 and 2000.

**Double data rate RAM** is going to replace Rambus. So if you have the choice, go double data rate.

Hank passed out **Gentus Linux CD-ROM disks** to everyone who wanted one. The advantage of Linux is that it's a character-based operating system. The graphic interface is added later over a stable operating system core. This is the main advantage Linux has over Microsoft Windows. By the way, there is a Windows emulator for Linux, so you can run all your favorite Microsoft programs. If you want to use Linux, Corel has a great office suite with Linux operating system for \$139, and a basic suite for \$69. RedHat and VA sell a supported, fancy, convenient version of Linux. Maximum PC is a good magazine for power users. Other good magazines include PC Magazine and PC World magazine.

In the old days, the **SCSI interface** was the fastest available, but it has been surpassed by the Ultra ATA interface.

A comment on **wireless**; it is not yet completely reliable. It also broadcasts to the whole world, which may give some security concerns. Wired is better, at least for now: DSL or cable modem.

The meeting broke up at 10:30 PM, but Hank stayed and answered questions for a while longer. 

### Nov. 29, 2000, Meeting—CROSS-TALK

by Maurice Green

1. Backup of files to a CD writer ignores the file attributes and stores all files as 'read-only'.

**Note:** *Adaptec Easy-CD Creator website Article Number 990419-0013:*

**Description:** *Why are all files set to Read Only when the disc is closed as ISO9600?*

**Solution:** *When data is recorded on the CD-ROM media, a "read-only" attribute will be assigned to every file. This is due to the fact that the disc, as defined by the CD-ROM standard, is CD-read only memory. Because the information is stored on the CD permanently, Windows places a "read-only" attribute on your files and directories. There is no other way to remove the attribute from the disc. Once you have copied the files from CD back to a hard drive, you will have to use the attrib -r command at the DOS prompt to remove this attribute.*

[You can find a link the referenced article at <http://ask.roxio.com/cgi-bin/rx-tic/search>, search for "read only" (without the quotes). —jb]


2. CNET.com is a good place for online shopping with price comparison between vendors.
3. Everyone was reminded that backup media should be stored off-site in case of fire or burglary.
4. Member requested an email address for purchasing rechargeable batteries. Metal hydride (NiMH) batteries were recommended for longer life and greater capacity. (**Note:** try [www.igo.com](http://www.igo.com).)
5. Dudley announced that he was interested in purchasing a used laptop computer.

(Continued on page 14)

## SPAUG Club Business (continued) ...

### General meeting notes (cont'd) ...


(Continued from page 13)

6. Windows 98 problems:
  - a. Page fault with MSVCRT.dll (no explanation)
  - b. Computer not shutting down properly. May be due to memory leak in Netscape or an applet that is still running.
  - c. System crash when trying to print an Adobe Acrobat file from an online site. Recommended that user should download the file to the local hard drive and then print it offline.
  - d. System crash while downloading large email files.
7. Jim Dinkey recommended:
  - a. Remove all unnecessary processes from MSConfig to see if problem is eliminated. Then add them back one at a time to find the offending process.
  - b. Do a search on Google for problems when information is not available on MS KnowledgeBase. 

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### Dinner at Su Hong Eatery

photo by Patricia Corrigan  
text by John Buck

In the photo below, Patricia Corrigan captured an image of SPAUG members interfacing, testing hardware operation, and comparing software download speeds (in bites per minute) and buffer capacities. 



### Planning meeting notes ...

#### Planning Meeting Notes, 6 December 2000

by Stan Hutchings

Present at the planning meeting were Jim Dinkey, John Buck, Patricia Corrigan, Mildred Kohn, John Sleeman, and Stan Hutchings.

We have speakers for January and February. For March there is a possibility we could have a local CIA Representative talk about their use of computers. Jim will investigate getting someone from Microsoft for April. Patricia Corrigan will try to follow up with Ameritrade, or perhaps one of the other local online brokerages.

The January newsletter is authorized for more than eight pages. This will be a special Millennium issue, and since there is no December issue, a larger size is justified. We should make it a policy to send a hard copy of our newsletter to other user groups who send us their newsletters as hard copy.

The Treasurer was out-of-town, so there is no report tonight.

John Buck mentioned that he had learned from Kendric Smith that you can find out what Web sites are linked to your Web site by using the LINK: <URL> command in AltaVista. The Google advanced search can also be used for this purpose.

Add Patricia Corrigan as Programs Director on the Contacts page.

Patricia Corrigan and Mildred Kohn will help prepare the coffee before the general meeting. This will take a load off Jim Dinkey. There is a machine that will fill dispensers.

Jim Dinkey mentioned that Tuesday evenings the Elks Lodge has a dinner buffet as well as regular dinner. This might be an attractive complement to our meeting. However, it would involve changing the meeting night from Wednesday to Tuesday. Alternatively, Tuesday night might be open to special-interest groups and other small get-


(Continued on page 15)

## SPAUG Club Business (continued) ...

### Planning meeting notes (cont'd)...

*(Continued from page 14)*

togethers (perhaps a talk on a programming language, or other topic not of general interest).

There will be a planning meeting 3 January 2001, meeting place to be determined, but probably at Bev Altman's. 

### Web SIG meeting notes ...

#### Website SIG Minutes, 12/19/00

by Stan Hutchings

Stan Hutchings, Jim Dinkey, John Buck and Robert Page were present.

There was talk about better "advertising & marketing" the SIG(s) and Planning Meeting on the Main page in addition to the General meeting, somehow calling attention to dates of next meeting (s) and linking to further details (on the Club Announcements page). Also pointing non-members to where they could get info on joining. We re-ordered the menu items, hoping to put the most important/useful at the top. There's now a link on the TOC to becoming-a-member info and the membership form.


We discussed the TOC (Table of Contents), revised it to be a Table (using Arachnophilia's Table Wizard) so we could space the lines the way we wanted. Single-space was too close, double-space too wide. We might revisit that using CSS to separate lines at 1.5 instead of double-space, if we can figure out how, and have sufficient browser support for the CSS code. Which brought up that the CSS Master Compatibility Grid at WebReview at <http://www.webreview.com/style/css1/charts/mastergrid.shtml> has been updated for IE 5.5, Netscape 6 and Opera 4. Many more attributes are fully supported in the new versions.

We saw some of Arachnophilia's additional features: in **Selection/convert Tag Case** to Upper/Lower-case, convert **Text Case** to Upper/Lower-case; also in **Tools Beautify** and **Analyze HTML** to check and verify code. Future HTML and XHTML specifications will probably require tags

### Web SIG meeting notes (cont'd)...

to be lower-case, and all attributes in quotes. There should also be a DTD declaration as the very first line of HTML of the form `<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0//EN">`. Also discussed removing or modifying the Table structure from the web pages, and allowing the user to adjust the width of the TOC and the target page in the right frame to their preference.

We decided to open the **Search Engines** page in a new page using the `target=_blank` attribute, figuring that people might bookmark the SPAUG Google link (a Newsletter article? Using the Google search from the SPAUG site generates revenue), and that people using Google would probably want to leave the SPAUG site anyway.

Next Website SIG meeting: 9 Jan; also scheduled: 16 and 23 Jan (not 2 or 30 Jan due to other SPAUG meetings). 

### Google Affiliation ...

#### Start your Google searches at SPAUG's website

by John Buck

SPAUG has become a Google affiliate, which allows Google to pay us one cent for each Google search starting from our website. Since you're probably going to be doing some searching anyway, you might as well think of doing it in a way that helps your club. Here's one way—

First time, go to SPAUG's website, [www.pa-spaug.org](http://www.pa-spaug.org).

In the left-column, select "Search Engines"

Bookmark this Search Engines page. Here's one way:

1. Right-click in the Search Engines page frame.
2. Open the frame in a new window.

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## SPAUG Club Business (Continued) ...


### Google Affiliation ... (cont'd)

(Continued from page 15)

3. Use your browser's procedure for adding the page's URL to your Favorites or Bookmarks.

This bookmarking lets you easily go directly to this page when you want to start a search.


When you're on SPAUG's Search Engines page, enter your search specifications in the Google field provided and select "GO" or simply press Enter.

**Note:** SPAUG only earns money for searches that start from this field (or from a similar one on another page). We don't earn when you start or revise a search somewhere else, including the Google results display window that results from your original search. To maximize SPAUG's earnings, you need to return to the Google field on the SPAUG website each time you search. 


### Planning Meetings ...

**NEXT PLANNING MEETING: See back-page calendar**

Planning meetings are held on the first Wednesday of most months, usually at the home of a member, at 7:15pm. All members are welcome, and encouraged, to attend.

Please phone Jim Dinkey ((650) 493-9307) or Bev Altman ((650) 329-8252) to confirm venue. 

### Field Trips ...

SPAUG has run a number of popular field trips, and more are in prospect. We welcome suggestions for other trips; please pass on your idea to the Prez, Jim Dinkey (address below). 

**Let others know about SPAUG—Please post your flyer.**

### Contacts ...


Office	Name	E-mail	Phone
President	Jim Dinkey	jimdinkey@jimdinkey.com	(650) 493-9307
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Co-Editor, Photographer	Mildred Kohn	mildredk@aol.com	(650) 322-2357





## Tech Support, Questions and Answers

The members listed below are willing to offer help and advice on their areas of expertise. It's free, so there are no guarantees! However, it provides one-on-one help, and more time than the ten minutes of Random Access at our General meetings.


If you have questions on subjects not listed, try calling Jim Dinkey ((650) 493-9307). If he can't help, he may know who can.

Jim also maintains a laboratory in his home which is available to SPAUG members when intractable problems arise. Call Jim to make an appointment, which would normally be on a Saturday morning. This service is also available to non-members, but at the cost of a suitable donation to the Club's coffers. That alone should be an inducement to join—any appropriate contribution would be more than the annual membership, but less than you would pay a commercial outfit. Tell your friends. 

Topic	Expert	
DOS , Quick Books 6, Quicken 98	Jim Bailey Jimby@pobox.com	(650) 494-0631 9AM–9PM
Win NT/Win 98	Jim Dinkey jimdinkey@jimdinkey.com	(650) 493-9307 9AM–9PM
DOS	Bill Goldmacker gold@svpal.org	(650) 691-0911 <b>6PM–9PM</b>
ZIP managers, Win 95/98, MS Publisher 2000, ZIP drives	Robert Mitchell Rfmitch702@aol.com	(650) 941-5792 <b>4:30PM–9PM</b>
MS Publisher, UNIX, Fortran, Perl	John Sleeman sleemanj@earthlink.net	(650) 326-5603 9AM– <b>8PM</b>


 **This space available. Volunteer your skill(s). Make this list longer.** 

## Listserver (e-mails to SPAUG members) ...


Any registered 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 of addresses is intended for announcements of interest to ALL SPAUG members. Please avoid excessive or trivial announcements, since some members pay for their connect time. Send additions or corrections for the list to [info@pa-spaug.org](mailto:info@pa-spaug.org). 

## SPAUG = 501(c)(3) ...

Arlan Kertz, SPAUG Accountant

SPAUG is a non profit organization registered with the IRS under Internal Revenue Code 501(c)(3). In this regard, your dues (except for \$12 for the newsletter) are deductible. Also, any additional cash and or other non-business assets donated to SPAUG are also deductible. 

## Trademarks, Service marks, etc. ...

All trademarks, service marks, etc., used in this newsletter are the property of their owners. 


## About SPAUG ...

### Membership ...

SPAUG memberships last one year, beginning with the date you sign up, and are renewable annually


Annual membership dues are \$35, payable to SPAUG, at PO Box 20138, Stanford CA 94309-0138.

Please include your name and address, and optionally an e-mail address and any special interest group (SIG) you want more information about.

Questions? Call Beverly Altman ((650) 329-8252) or Jim Dinkey ((650) 493-9307). 

### Attention, Correspondents ...

If our addresses in your records do not match those below, please update your records. Thanks.

<http://www.pa-spaug.org> 


**SPAUG**  
**PO BOX 20138**  
**STANFORD CA 94309-0138**

### SPAUG Calendar ...

MONTH	Plan Mtg	JB -> RM	RM -> PO	Genl Mtg
Jan	3	10	17	31
Feb	7	14	21	28
March	7	14	21	28
April	4	11	18	25
May	2	9	16	30
June	6	13	20	27
July	(4)??	11	18	25
August	1	8	15	29
Sept	5	12	19	26
October	3	10	17	24
Nov	7	14	21	28
Dec	5	??	??	??

#### Legend:

**JB -> RM** = John Buck to Robert Mitchell

**RM -> PO** = Robert Mitchell to Post Office 

# *PC USER GROUP Meeting*

**WEDNESDAY**

**Jan. 31**

**7:15 PM**

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

Hosted by: SPAUG (Stanford Palo Alto User Group for PC)

*Topic:* **Computer Innovations for the Handicapped**

*Speaker:* Neil Scott, Chief Engineer,  
Archimedes Project, Stanford University  
Center for the Study of Language

***Archimedes Project Mission:*** "Project Archimedes seeks to promote equal access to information for individuals with disabilities by influencing the early design stages of tomorrow's computer-based technology."

—[archimedes.stanford.edu/](http://archimedes.stanford.edu/)

***About Our Speaker:*** "Neil Scott, the developer of TAP technology is featured in San Francisco Magazine as one of 15 people reinventing how we will live in the new millenium."—[archimedes.stanford.edu/ngs/](http://archimedes.stanford.edu/ngs/)

You are invited to join us for an optional no-host dinner at 5:45 pm,  
at Su Hong Eatery, W. Meadow and El Camino Way, Palo Alto

We meet on the last Wednesday of most months.

Our remaining meetings for 2001 are: 2/28, 3/28, 4/25, 5/30, 6/27, 7/25, 8/29, 9/26, 10/24, and 11/28

SPAUG — Stanford Palo Alto Users Group for PC

PO Box 20138, STANFORD CA 94309-0138

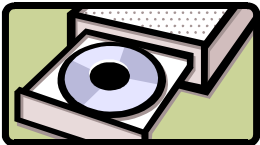
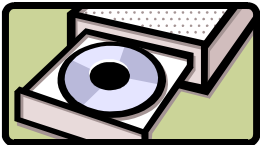
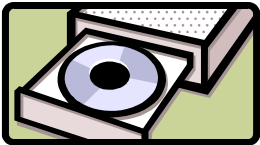
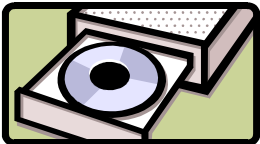
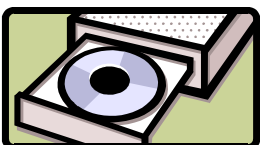
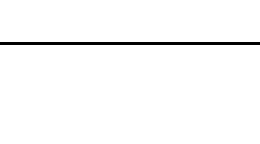
<http://www.pa-spaug.org>

Jim Dinkey, President, 650-493-9307 [jimdinkey@jimdinkey.com](mailto:jimdinkey@jimdinkey.com)

☞ See other side for a special offer. ☞

## SPAUG Christmas Edition CD (CD2000.12) — Buy one or more, for giving or for yourself

For more information, including how to order, visit SPAUG's website at [www.pa-spaug.org](http://www.pa-spaug.org)

AdobeAcrobat .....	Reader for PDF Files	
AdOffNT .....	Gets rid of ads if you are running NT	
AdSubstract .....	Get rid of banner ads from Web Sites	
AmazingBlocks .....	A Tetris style arcade game	
Arachnaphilia40 .....	HTML Editor	
AtomicClockSynch .....	Synchronizes PC Clock with Internet Time Servers	
Bounce Spam Mail .....	Lets you send fake bounce messages to spammers	
BusinessCards .....	Two programs for designing business cards.	
CatWalkingAround .....	Cat walks around your screen doing cat things.	
Christmas .....	Several programs for Christmas	
Coco Calculator .....	Scientific Calculator	
Communicator476 .....	Netscape476	
Cookie Pal .....	Block and control cookies	
CuteFTP .....	FTP program	
Desk Menu .....	A simple but flexible desktop launcher	
Diskkeeper Lite41 .....	Disk defragger for NT	
DropZip50 .....	A drag and drop program for zipping and unzipping files	
Eudora Lite50 .....	E-mail program	
EZMacros .....	The ultimate keyboard macro utility	
File Splitter .....	Split large files into smaller files to fit on floppies	
FindItEasy .....	A Java applet to search and retrieve records	
MahJongg .....	Game	
MS Media Encoder7 .....	Converts sound files to Media format	
MS Media Player7 .....	Media Player	
MSN_Explorer55 .....	All-in-One Software, browse, e-mail, music, with current ISP	
NistTime .....	Synchronize computer clocks via the Internet	
Opera402 .....	Smaller, faster web browser	
OptOUT .....	Internet Spyware Detection and Removal	
PaintShopPro7 .....	Easy-to-use photo editing, painting, etc.	
PowerToyTutorial .....	Tutorial for PowerToys	
RoboType .....	Insert blocks of text using a shortcut word	
ScreenShotPrograms .....	Three programs to choose from.	
SlidesandSound20 .....	Prepare slide shows with sound from camera or slides	
SnagIt32 .....	Screen capture, etc.	
WebWasher221 .....	Gets rid of banner adds.	
WinZip8 .....	WinZip utility	
WS_FTP Lite508 .....	FTP Program	

**In addition**, there are 40 files from the August 23, 2000, *PC Magazine* "Finalists in the Shareware" categories of: (1) Business Applications, (2) Desktop Accessories, (3) E-mail, News Readers & Chat, (4) File Utilities, (6) Graphics & Multimedia, (7) HTML Editors, and (8) Internet Utilities.