

# SMUG NEWS

STANFORD/PALO ALTO MACINTOSH USERS GROUP NEWSLETTER

Vol. 13 No. 1 • January 2004

## Happy Birthday 20 years Macintosh 20 years SMUG

### MACWORLD /SMUG BIRTHDAY PARTY WAS A HUGE SUCCESS!

And there we were again—the great San Francisco Macworld 2004. With SMUG’s reserved user group table and a setup of 20 year old Macs (and even the “greatly improved Mac Plus versions) we drew a real large number of visitors to our table. And very many (*really* very many) people walking by just had to stop and, with eyes a’bug, “say “Hey, that’s like my first Mac, and I still got it—or still use it”. One fellow even uses it for a server!

Other *Mac User Groups* in our designated area of the show included PlanetMug of Berkely CA, and NorthCoast MacUsers Group (who was the host all week for all users groups.) Lorene Romero and Chuck Joiner did a wonderful job of organizing all of the groups.

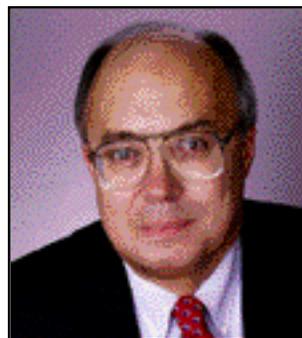
We especially want to thank our SMUG members who were kind enough to bring in the older Mac computers to the show and to help “stage” our presence there. These

*Continued on page 2*



### To Speak at February SMUG Meeting Digital Privacy Leader Joe Simitian

*Mark your calendars now for our special February 2 meeting, co-sponsored with the Commonwealth Club at SLAC and devoted to issues of digital privacy.*



Assemblyman **Joe Simitian**, honored in the December issue of *Scientific American* magazine as one of the top 50 technology leaders of 2003 will be our featured speaker. Joe Simitian was recognized by this respected magazine for his co-sponsorship of the recent California Law, requiring notification to impacted California residents of a

breach of their confidential unencrypted digital information, including credit card, social security, and/or driver’s license numbers.

Joe has also had a hand in several other important pieces of California legislation dealing with privacy and technology. They include new laws dealing with online privacy, spam, online anonymity protection, and the coordination of law enforcement efforts to combat high tech crime. SMUG is

*Continued on page 2*

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SMUG new home page  
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## SMUG January Meeting Schedule 6:30 - 9:30

**6:30 - 7:00** Questions and Answers

**7:00 - 7:30** Shareware  
Owen Saxton /Shareware Team

**7:30 - 7:45** Break

**7:45 - 9:00** Review of Macworld

**9:00 - 9:15** Raffle

.....  
**DON'T FORGET THE GREAT PROGRAM FOR FEBRUARY 2**  
*Assemblyman Joe Simitian will be speaking on issues  
of digital privacy.*

*Joe Simitian: Continued from page 1*

currently working on adding other related speakers and presentations to the evening's agenda, so stay tuned for more information.

Feel free to invite your friends to this exciting meeting, but remember, non-SMUG members will have to RSVP me or a Board member to reserve a spot and pass through SLAC security at the front gate.

Together with the high interest of this event and the Commonwealth Club's co-sponsorship, we expect a much larger than normal attendance. We recommend SMUG members and guests arrive by 6:30 to secure a seat and be up close for the early part of the evening's presentations, which will be more SMUG-specific.

Looking forward to seeing you at our special event on Monday evening February 2 at Panofksy Auditorium.

*Fred Balin /fbalin@pa-smug.org*

*Happy birthday SMUG: Continued from page 1*

members included Rich Tucker, David Aston, Frank Smith, Julia Huot, Ric Smith, Steve Bellamy, Jim Thornton, Paul Lorton, Owen Saxton, Fred Balin and Lorrie & Dell Bleiler. Our thanks to them—and remember fellow SMUG members—next time you may be called upon to participate, or eagerly volunteer to join in and share in our great efforts. Thank you all. [Vintage MacPlus on exhibit shown below: \$2600 new]



# SMUG CD-ROM Fall Quarter 2003

## NEW CONTENTS

### Audio & Music

Amazing Slow Downer 2.6 (Cls)  
Amazing Slow Downer X 2.6  
Audacity 1.0.0 (Cls)  
Audacity X 1.2.0-pre1  
Audio Hijack 2.0  
AudioX 3.2.0  
Detour 1.1.0  
iPiano 2.1.0  
LineIn 1.0  
OvoLab AACchoo 1.2  
RadioLover 1.19b4  
SoundSource 1.0.1

### Comm

Chicken of the VNC 1.3.6  
Download Wizard 1.5b2  
Huevos 1.1  
iBlog 1.3.1  
NetNewsWire 1.0.5  
OSXvnc 1.3  
Safari Enhancer 2.0.6  
Safari Menu 1.7.2  
SiteSucker 1.4.2 (Cbn)  
SpamSieve 2.0.1  
Transmit 1.7 (Cls)  
Transmit 2.5 (OSX)  
Watson 1.7.3

### Design & Graphics

Art of Illusion 1.6  
Pixadex 1.1  
SuperBladePro 1.1  
WebDesign 2.3 (Cbn)

### Fun and Games

Goban v57  
Nomia 1.2  
RoadWorks 1.1.2  
RoadWorks X 1.1.2  
Scramble 1.4

### Interface

CandyBar 1.5.4  
Fkey Expander 1.0.0 (Cls)  
iCan 2.2.1  
M-Beat 1.3  
MacMaid 2.1.1  
Marine Aquarium 2.0.4 (Cls)  
Marine Aquarium X 2.0.4  
My Favorite Things 0.9  
PopChar X 2.1.1  
Toolbar Trash 1.0.1  
Unstoppable progress 2.0  
WindowShade X 3.0.1  
Workspaces 1.0.2

### Kitchen Sink

Budget 2.7  
Budget X 4.2  
ibeeZz 1.5.0  
Maquarium 1.6.1  
PoseidonCE 2.0.2  
WeatherPop 1.8.5

### Multimedia

BitPlayer 1.1  
Exhibition X 2.2  
Forty-Two DVD-VX Plus 1.5.2  
iVideo 1.0  
Quick-Snap 2.4  
TalaPhoto 2.0.4 (Cls)  
TalaPhoto X 2.0.4  
Variable Speed Player 1.0  
xShelf 1.1.1

### Productivity

Fishpad 2 2.0  
Jargonary 1.1  
MacNoteTaker 1.0.5 (Palm)  
MyMind 1.1b2  
NoteTaker 2003 1.5.4  
OmniOutliner Export to iCal 1.0  
Ragtime Solo 5.6.4  
RuleBox 1.0  
TeXShop 1.30

### Utilities

Cocktail 2.6  
DV Backup 1.1.1  
File Synchronization 1.2.2  
FoldersSynchronizer 3.3.3  
Gadget 1.4 (Cls)  
Gadget 1.4  
Locator 0.7.3  
MisFox 1.1  
PrefsOverload 5.3.1 (Cbn)  
psync 0.65.5  
Shellsilver 1.2  
SilverKeeper 1.1  
Webmin 1.110

### STOCK CONTENTS

#### Graphics

GifBuilder 1.0 (Cls)  
Goldberg 2.3 (Cls)  
Goldberg X 2.3  
GraphicConverter 4.8.2 (Cls) \*  
GraphicConverter X 4.8.2 \*  
Jade 1.2 (Cls)

#### Internet

AOL Instant Messenger 4.6 (Cbn) \*  
Better Telnet 2.0b4 (Cls)  
Camino 0.7.0  
Eudora 6.0 (Cls) \*  
Eudora X 6.0 \*

Fetch 4.0.3  
iCab 2.9.5 (Cls) \*  
iCab X 2.9.5 \*  
Interarchy 6.2 (Cbn)  
Internet Explorer 5.1.7 (Cls)  
Internet Explorer X 5.2.3  
MacSSH 2.1fc3 (Cls)  
Mozilla 1.2.1 (Cls)  
Mozilla X 1.5rc2 \*  
MT-NewsWatcher 3.1 (Cls)  
MT-NewsWatcher X 3.3b1  
Netscape Communicator? 7.0.2 (Cls)  
Netscape X 7.1  
Netscape MRJ Plugin 1.0b5 (Cls)  
Netscape MRJ Plugin X 1.0.1  
Niftytelnet SSH 1.1r3 (Cls)  
OmniWeb 4.5 \*  
Opera 6.03 (Cbn) \*  
Outlook Express 5.0.3 (Cls)  
RealOne Player 9.0  
RealPlayer 8 6.0 (Cls)  
Windows Media Player 7.1.2 (Cls)  
Windows Media Player X 7.1.3

#### Others

BBEdit Lite 6.1.2 (Cls & Cbn)  
BBTidy 1.0b9  
DarkSide of the Mac 5.0.6 (Cls)  
Extension Overload 5.9.9 (Cls)  
MacTracker 2.0.4 (Cls) \*  
MacTracker X 2.0.4 \*  
Mariner LE 3.1.4 (Cls)  
MP3 Rage 5.7 (Cbn)  
SoundApp 2.7.3 (Cls)  
SoundJam MP Free 2.5.3 (Cls)  
Tex-Edit Plus 4.1.3 (Cls)  
Tex-Edit Plus X 4.5.2b1 \*  
textSOAP 3.3 (Cbn) \*

#### Utilities

Adobe Reader 6.0  
Acrobat Reader 5.1 (Cbn)  
ADBProbe 1.0.3 (Cls)  
Aladdin DropStuff 6.0.1  
Aladdin Expander? 6.0.1  
Andrew's Disk Copy Scripts 2.1.1  
AntiWordService 2.0.1 \*  
Default Folder 3.1.5 (Cls)  
Default Folder X 1.8 \*  
FinderPop 1.9.2 (Cls)  
PopChar Lite 2.7.2 (Cls)  
PrintToPDF 2.4.4 (Cls)  
SCSIProbe 5.2 (Cls)  
ShrinkWrap? 2.1 (Cls)  
Sleeper 3.5 (Cls)  
Snitch 2.6.7b2 (Cls)  
TechTool Lite 3.0.4 (Cls)  
TinkerTool 2.32



# Shareware News January Demo ITEMS

Demo by Owen Saxton



## ShapeShifter 1.0.1

ShapeShifter lets you change the overall appearance of your Mac using 'themes'. We're not talking about just desktop backgrounds and icons here, we're talking about everything - the look of windows, menus, buttons, absolutely everything. With ShapeShifter, you can:

- Change the overall appearance of your operating system safely, quickly, and reliably.
- Experience things that haven't been possible with Mac themes before.
- Quickly preview themes without actually applying them.
- Use Jaguar themes in Panther effortlessly.
- Install different themes for different users.
- Keep your themes wherever you please on your hard drive.
- Add and remove themes effortlessly.

*Requires OSX 10.2+. \$20.*



## CyberDuck 2.1

Cyberduck is an open source SFTP (SSH Secure File Transfer) and FTP browser licenced under the GPL. Cyberduck features the same intuitive interface for both FTP and SFTP browsing. Cyberduck is now Mac-only, with a completely rewritten user interface using the Cocoa Framework. You can open connections to multiple servers thanks to its document based interface. A simple favorites manager allows you to store frequently used servers. Drag and drop is supported for both downloading and uploading files. Just drag the file(s) or folder from the Finder to the browser window or vice versa to start the transfer. File deletion and renaming, checking and changing of permissions is possible with a Finder-like info panel.

*Requires OSX 10.2+ and Java 1.4.1+. Free.*



## HimmelBar 1.1.2

HimmelBar is a little faceless application that provides an icon in the menu bar to quickly access your installed applications by scanning standard locations such as local, user, developer and network applications, and also utilities.

*Requires OSX 10.2+. Free.*



## Pixen r1v8

For small-scale or high-detail art, there are only a few ways to create, and those kludgy. Zooming in really far in a normal graphics editor works, but sucks: the extra UI provided by the app just ends up getting in the way. Using a photo retouching app to do the sort of pixel-level work required of a sprite artist is also sub-optimal. There is no pixel-art-specific graphics app for Mac OS X. That's why we wrote Pixen. Pixen is a graphics editor for the creation of such art, and is attuned to that form employed extensively in two-dimensional games.

*Requires OSX 10.2+. Free.*



## CopyPath 1.0.3

CopyPath adds a Contextual Menu Item option to the Contextual Menu in the Finder. Control-click a document, application, folder, mounted volume, zip disk, anything, and easily copy the full path to that item directly to your clipboard.

*Requires OSX 10.1+. Free.*



## JiXii 2.4.3

JiXii is a jigsaw puzzle game that allows you to use your own TIFF or JPEG images to break apart and put back together again.

*Requires OSX 10.2+. \$12.*



## Lines 1.3.3

Lines is a one-player board game. The goal is to arrange five or more balls of one colour in a continuous line so that they disappear. Each time you move a ball, three more balls of random colours fall onto the board, provided you don't manage to build at least a 5-ball row. Your score depends on how many balls disappear by the end of the game.

*Requires OSX 10.1+. Free.*



## ITangram 2.1

The Tangram is the world's oldest and most popular dissection puzzle. It originated in China in the 18th century.

It consists of seven shapes cut from a square: 2 large triangles, 1 medium triangle, 2 small triangles, 1 square, and 1 rhombus. A wide variety of silhouettes may be created with these simple shapes. A variety of silhouettes may be selected from the popup button at the bottom of the iTangram window. Select a silhouette to start. You may click your mouse and drag a shape...

*Requires OSX 10.0+. Free.*



**Mars 24 5.1.2**

Cross-platform Java application which displays a Mars “sunclck”, a graphical representation of Mars showing the current sun- and nightsides of Mars, along with a numerical readout of the time in a 24-hour format. Other displays include a plot showing the relative orbital positions of Mars and Earth and a diagram showing the solar angle for a given location on Mars.

*Requires OSX 10.2+ and Java 1.3.1+. Free.*



**Panorama Backpacker a0.85**

Panorama BackPacker contains 241 QTVR panoramic pictures from different locations around the world.

*Requires QuickTime 6.0+. Free.*

.....

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***Just for Fun.....***

**Microsoft vs; General Motors**

For all of us who feel only the deepest love and affection for the way computers have enhanced our lives, read on. At a recent computer expo (COMDEX), Bill Gates reportedly compared the computer industry with the auto industry and stated, “If GM had kept up with technology like the computer industry has, we would all be driving \$25.00 cars that got 1,000 miles to the gallon”.

In response to Bill’s comments, General Motors issued a press release stating: If GM had developed technology like! Microsoft, we would all be driving cars with the following characteristics ( and I just love this part):

1. For no reason whatsoever, your car would crash twice a day.
2. Every time they repainted the lines in the road, you would have to buy a new car.
3. Occasionally your car would die on the freeway for no reason. You would have to pull to the side of the road, close all of the windows, shut off the car, restart it, and reopen the windows before you could continue. For some reason you would simply accept this.
4. Occasionally, executing a maneuver such as a left turn would cause your car to shut down and refuse to restart, in which case you would have to reinstall the engine.
5. Macintosh would make a car that was powered by the sun, was reliable, five times as fast and twice as easy to drive - but would run on only five percent of the roads.
6. The oil, water temperature, and alternator warning lights would all be replaced by a single “This Car Has Performed An Illegal Operation” warning light.
7. The airbag system would ask “Are you sure?” before deploying.
8. Occasionally, for no reason whatsoever, your car would lock you out and refuse to let you in until you simultaneously lifted the door handle, turned the key and grabbed hold of the radio antenna.
9. Every time a new car was introduced car buyers would have to learn how to drive all over again because none of the controls would operate in the same manner as the old car.
10. You’d have to press the “Start” button to turn the engine off.

*Please share this with your friends who love - but some-times hate - their computer .*

## December Meeting Report

# Losing The Umbilical Cord

by John Schipper

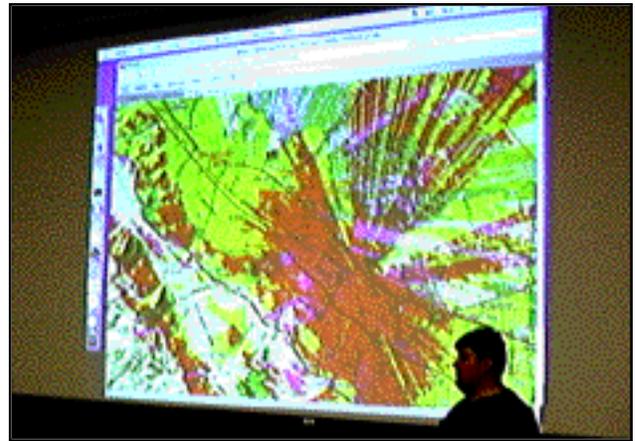


Paul David Gregg, operator of Palo Alto Freenet (PAF), is clearly a man with a mission. Gregg developed wireless Internet access for rural areas in Florida, allowing access from distances as large as 50 miles. Gregg presently has five wireless access points in the West Bay, in Palo Alto, Los Altos and adjacent

areas. PAF uses Linux, and the associated software acts as another access point. PAF has a wireless distribution system (WDS) that serves as a bridge between nearby intermediate access points, such as adjacent houses or other buildings. This system is being replaced by a centrally positioned broadband antenna that serves several adjacent buildings. WDS creates a group of communication “tunnels” or two-dimensional meshes, somewhat analogous to a cellular telephone system.

One problem initially encountered is a broadcast storm, wherein a packet is routed and re-routed and creates unintended additional traffic. The PAF solution uses a spanning tree with an 802.1 delta protocol (STP) to decompose the communication system into a group of weighted communication paths. A minimum weight path is then used for packet routing. Dynamic re-routing requires up to 30 sec for reconfiguration. A related protocol, 802.1 whiskey, works only with the nodes affected by the reconfiguration, using RSTP, and has smaller associated time delays. Traffic shaping examines traffic characteristics and controls packet queues by modifying the time a packet is transmitted from a buffer. Packets are prioritized as (1) bulk data, with no requirements for delivery time, and (2) real time data, requiring substantially instantaneous transmission. Gregg found that DSL modems buffers and cable modem buffers are too large for fast response transmission. A related problem is non-symmetric uploading-downloading.

The PAF solution may also solve the “last mile problem,” which is a fabricated (non-real) problem, according to Gregg. Gregg himself is well known to SBC and other telecommunication providers. A PAF network uses high gain, low angular sector antennas that are not intended to be omnidirectional. The PAF approach exposes some artificial limits imposed by U.S. (as opposed to foreign) broadband companies, which prohibit redistribution of Internet signals, except for businesses Internet accounts



that pay for the “privilege.” Gregg displayed a topographical map of portions of the Palo Alto-Menlo Park-Portola Valley, provided by N.A.S.A. satellite mapping, in which the PAF system now operates, using 100 MHz (line of sight) signals. Gregg’s primary message appears to be “All you have to lose is your chains.”

## SILENT AUCTION

Every month the shareware team helps members sell equipment, software, and hardware they no longer need. Please keep this a success by visiting our tables and bidding on these items. Here is how it works:

1. Bring your item to the next general meeting.
2. Fill out an auction sheet with your name, a description of the item, and a minimum asking bid.
3. Leave the item, the sheet, and say hi to the shareware table people.
4. At the break, go back to the table and check out the bids on your sheet. Pick the person you want to sell to, find him/her, and make the deal. (If you bid, please check during the break to see if you can connect with the seller). Please do not wait till after the meeting, as some team members need to go home and we have to put the table back!
5. You can leave a telephone number on the sheet if that is how you want to be contacted. But the shareware team will NOT make deliveries!

*PLEASE NOTE: We will make every effort to keep your item secure. However we take no responsibility, and theft is your risk alone. We suggest you keep easily stolen items, like SIMM chips, with you and just leave the auction sheet. Sorry, we cannot provide electrical power to demo hardware.*

**We cannot be held responsible for items forgotten by their owners.**

january 2004						
Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

February 2004						
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29						

March 2004						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

**Monday, January 12**

**General Meeting:**

**Panofsky Auditorium**, Stanford Linear Accelerator Center (SLAC),  
2575 Sand Hill Road, Menlo Park.

**Meeting:**

*Begins at 6:30pm. See page 2 for details*

**Shareware Team meeting** at Owen Saxton's house,  
1442 San Marcos Circle, Mt. View.  
Meeting starts at 7:15 pm.

*(Ask a team member for the correct date for this month).*

**Wednesday, January 21**

Board of Directors meets at 7:00 pm  
Cafe La Dolce Vita, 299 California Ave. Palo Alto.

**Friday, January 23**

DEADLINE for Newsletter articles and Calendar items to be submitted by email to [bleiler@pa-smug.com](mailto:bleiler@pa-smug.com)

**Contributions:**

Contributions to SMUG News are always welcome, preferably on disk or via e-mail in a file format readable by QuarkXPress. Files can also be uploaded to the Newsletter Coordinator Lorrie Bleiler at [bleiler@pa-smug.com](mailto:bleiler@pa-smug.com)

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We thought the above calendars would be helpful for those people who don't have E-mail. This is the projection for the upcoming meeting dates.

- - - **IMPORTANT READ-ME** - - -

**Security and You**

To pass through the security gate on **January 12** you will need:

- **To be on our list of members**  
If your membership has lapsed, send me an email by Saturday, **January 10**
- [aquaman47@mac.com](mailto:aquaman47@mac.com), to tell me you plan to attend
- **(Of course, err, um, don't forget to pay your dues at the meeting)**

**AND !!! Be prepared to show a photo ID at the gate.**

All guests are welcome as always, but you or they must email me by **January 10** so they can be on the list of attendees to be submitted to SLAC security.

Thanks for your cooperation.

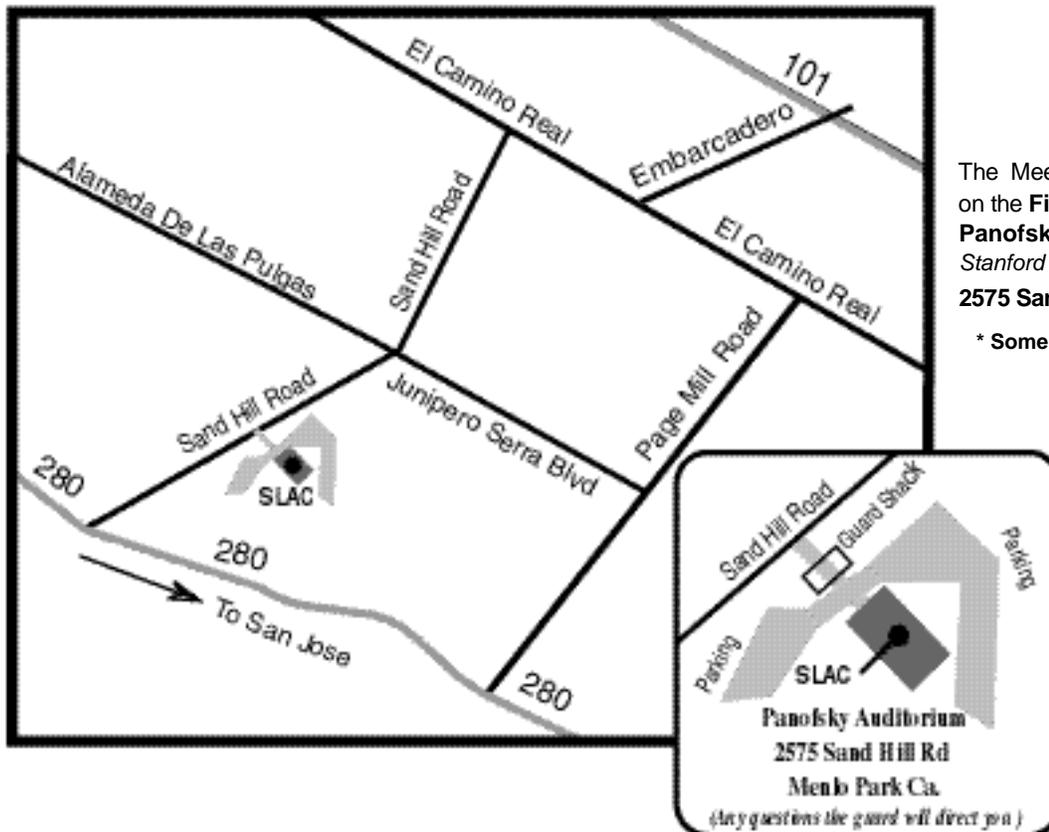
*-Frank Smith*

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NEXT MEETING  
Monday January 12, 2004  
in Panofsky Auditorium  
*Review of Macworld*



The Meetings are generally held on the **First Monday\*** of the Month **Panofsky Auditorium**, **Stanford Linear Accelerator (SLAC)** **2575 Sand Hill Road, Menlo Park**

\* Some exceptions on holidays