

NEWSLETTER OF THE LONG ISLAND MACINTOSH USERS GROUP

LIMac has been serving Macintosh users on Long Island since 1984, when the Mac was introduced. Annual dues for membership is \$24. First meeting is free. For information, you can contact any of the following:

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October's Meeting: The Phase One and Only

Our October meeting was a presentation on digital photography, with a demonstration of the Phase One Powerphase for Hasselblad.

It was exciting to see the progress made in this field since the last presentation on this topic about 18 months back. There is a wide range of digital cameras available; you can purchase one for a few hundred dollars or spend many thousands of dollars for high-quality commercial work. Phase One concentrates on the high end of this range. Digital cameras are being accepted more and more in the graphic arts industry. Some are used for FPO purposes while the high end cameras replace drum-scanning and offer quality suitable for commercial work. Many leading photography studios have either installed or thinking of installing such a system.

First, David Dentry the Technical Support Manager from Phase One, gave us an overview on digital photography. He not only covered the basics but also described the two basic architectures, trilinear arrays and area arrays. Phase One uses the trilinear approach. This trilinear array technology results in a scanning camera and requires a continuous light source.

The advantage is the ability to create much larger file sizes with more details and a sharper image. Phase One has three distinct models of camera back systems: Studio Kit, Photophase, and Powerphase. One of the advantages Phase One cameras offer is the ability to use the current camera and lighting equipment. They are bundled with software that enables the user to create an ICC color-management profile.

After David's presentation, Mark Oster of Digital Photo Imaging, a dealer for Phase One gave us a demonstration of the Powerphase by capturing an image.

He also demonstrated the image rotating onscreen using *Quicktime VR*. Both Mark and David answered many of the questions raised regarding digital photography in general and the Phase One camera backs in particular. Their presentation was informative and well received by our members.

Over the next few months, we expect to have presentations from other vendors with cameras and scanners in different price ranges. We will be exploring color management systems at our next month's DTP-SIG meeting.
— Balan Nagraj

November's Meetings

General Meeting: Friday, Nov. 14, 7:00 P.M.

Corel specialist Jeremy Oldland will give an informative and exciting demonstration of *CorelDRAW® 6.1 Suite for PowerMacintosh®*.

LIMac Meetings, unless otherwise noted, are held at the New York Institute of Technology (Building. 500), at Northern Boulevard, Old Westbury. To see if school is open in bad weather, call (516) 686-7789.

Ed SIG: Friday, November 14, 9:00 P.M.

Live Chat Room with the topic(s) open-ended

We are collecting the annual dues (\$24) for 1998.

Beginners SIG: Friday, Nov. 14, 9:00 p.m.

A new cycle of sessions begins, with the first topic being System Software.

DTP SIG: Friday, Nov. 14, 9:00 P.M.

We will be exploring color management systems at our DTP SIG meeting.

Internet SIG: Monday Oct. 17, 7:30 P.M.

Further exploration of the Internet. The Internet SIG will meet in the auditorium of the Bethpage Public Library.

The next LIMac board meeting will be held at the Plainedge Library on Tuesday, November 18, 1997



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Here Comes Quark 4.0!

After much anticipation by more than a million

QuarkXPress users, Quark Inc.

is preparing to deliver QuarkXPress 4.0 in the next 30 to 60 days.

QuarkXPress 4.0 has over 75 significant new features - including powerful Bezier-based drawing and design tools, clipping controls for isolating picture subjects, an expanded set of

printing and color features, a suite of features geared to long-document producers and networked corporate workgroups, and a slick new user interface for easier navigation.

Pricing and availability

The suggested retail price will be \$995.

Upgrades will be available through Quark customer service at 800-676-4575. For the U.S. English version of QuarkXPress 3.3x for Power Macintosh the upgrade price will be \$298.

Detailed pricing for other upgrades will be available on the Quark Web site before QuarkXPress 4.0 ships.

Testers applaud the upgrade

"It's a daunting task to create a significant upgrade to QuarkXPress - especially when it's taken the competition six years to get even close to QuarkXPress 3.3," said John Timblin, manager of publishing systems for RadioShack Advertising. As a beta tester and one of Quark's

first Windows customers, Timblin cites the addition of character-based style sheets, drawing tools and text on a path as the primary benefits to the designers in his workgroup. "The ability to do these things right in QuarkXPress will lead to enhanced productivity," he said.

New features overview

► Illustration tools and picture handling. QuarkXPress 4.0 will let users draw curved lines and picture or text containers with Bezier and

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Door Prize Winners:

- Stan Adler: MacOS8
- Howard Weinstein: MacIntosh T-shirt
- Bob McAteer: Quicken
- David James: Oregon Trail
- Aram Devejian: Mouse Pad
- Christina Lyons: Demo MacOS8 CD
- John Olearchick: Internet Software Kit
- Lee Eskin: Re-donated Faze book to group.



TIP!

Edit Patterns within filled shapes in Adobe Illustrator:

In order to make some changes, save a copy of the artwork in Acrobat PDF format, then open the PDF version from within Illustrator. Now you can edit what you like. After you've done what you wanted, drag the pattern back to the Swatches palette (holding the Option key down) to replace the existing pattern.

-Publish

President's Message

"You guys have stuck with us through the thin, and I want to deliver some thick to you. You are going to see machines ... which blow away anything the clone vendors had or have, and which blow away any performance of a Wintel box. ... Trust me for a few months."

These words are taken from a keynote address delivered by Steve Jobs, at the Seybold San Francisco Expo, last month. Strange words from one who called the clone vendors leeches, and made a big splash with Gates as an investor, at the MACWORLD Expo a couple of months earlier. Jobs is great at giving pep talks but we need to see some exciting products and a coherent and consistent marketing strategy from Apple. Let us hope that Jobs delivers on this promise. As we approach the end of the year, we hold our annual elections in November. The slate of officers recommended by the board appear in the right outside column on this page.

Since we have a large number of new members (by last count, almost 90!), this is a good time to review this process as well as the situation regarding Special Interest Groups, also known as SIGs. These groups focus on specific fields. Any LIMac member is welcome to attend any of the SIG meetings.

Currently, the following SIGs are active: Beginners, Internet, Education & Desktop Publishing. The Board wants to evaluate the situation regarding these SIGs and create new ones based upon the interest level of members and volunteer coordinators. We are considering a SIG for Junior Adults and have a volunteer coordinator. If you or any of your children or grand-children are interested in being active with such a SIG, please send an e-mail or call Bill Medlow. (Archbill@aol.com or 516-938-9662). As the VP, he is responsible for coordinating the activities of SIGs. During the big meeting we had in September, some of the new members indicated an interest in having SIGs on topics like Photoshop, Java, etc. We are open to all suggestions. Feel free to send in your ideas and to volunteer. It is the volunteers who make LIMac great.

► At the upcoming November 17th meeting, we will have a separate raffle, just for those members who donated their time, representing LIMac at the August Apple Computer "Road Show." ■

Technical Corner

► I have a PowerMac 6400/180 using MacOS 8 with OS 8-updated WordPerfect (3.5.4). ClarisWorks 4.0 XTND filters are there but don't work. What do I do?

Go online and download the updater to ClarisWorks 4.0v5 or order the update to ClarisWorks Office 5.0v1. By the way, there were two updates for WordPerfect to 3.5.4, only the second, in fact, worked with MacOS 8.

► Could you compare to SyJet to the jaz?

The SyJet is about the same price as the jaz, but holds about 50% more and is slightly faster. It's far less popular than the jaz, so if file exchange is important, than go with the jaz. (No one in attendance had a SyJet.) The SyJet uses a flimsy dust door that gets in the way, unlike the jaz. Iomega is about to introduce a 2GB version jaz that will be faster than the original jaz, while still reading and writing the 1GB disks. Also the future is a bit murky for SyQuest, they have lost most of the market to Iomega, so future support is a bit iffy.

► What is the principle difference between the 603e and 604e processors? Their frequency range seems to overlap. Why go for the 604e?

All other things being equal, which they almost never are, the 604e will be faster by a third for the same clock speed. A 240MHz 603e works about as fast as a 180MHz 604e. The 604e can execute more instructions in the same amount of time as a like-clocked 603e. Since the 604e is the better processor, it is usually installed in machines with faster sub-systems. Apple uses the 603e in their low end home user 6500 and SOHO 4400 series and the 604e in the business class 7300, the Multi-media producer targeted 8600 and the professional 9600/300. The 603e uses less power and costs less than the 604e too, so you see it used in Apple's current laptops. The 603e based systems have a top motherboard speed of 40MHz, while the 604e models have a top speed of 50MHz from Apple and 60MHz from Power Computing. One other thing to consider is the 604e systems usually have the CPU on a replaceable daughtercard, while most 603e based systems are not upgradable to a 604e CPU. If you buy an entry level 604 PCI machine, like a old 7500 or 7600, from Apple or a PowerCenter from Power Computing, then you can later upgrade to a faster CPU when your needs and budget



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A few words about our upcoming elections:

Nominations from the floor are in order. However, to be eligible the nominee must have been a member in good standing for at least one year prior to holding any office or directorship. All members who are paid up through 1997 are eligible to vote, including those who recently joined and are paid up through 1998. The committee's nominations:

Pres. Bill Medlow
VP. Bob McAteer
Secy. Al Choy
Treas. Max Rechtman

Directors:
Sy Bram, Wally Lepkin, Al Gordon, Helen Gross, Rick Matteson.

Once elected these nine directors will elect four positions.

freehand tools similar to those found in illustration software. For more rapid generation of Bezier items, users will be able to synthesize new shapes from existing ones using a variety of Merge and Split commands. Users will also be able to flow text along a Bezier path or turn text into a Bezier box whose outlines can be filled with imported content. For imported pictures, *QuarkXPress 4.0* allows users to generate clipping paths, automatically rendering lighter

background pixels transparent. Clipping paths can be edited as Bezier objects.

- ▶ Long-document support. Publishers of longer documents - books, annual reports, employee handbooks, etc. - will benefit from the comprehensive indexing, list generation and "book" features in *QuarkXPress 4.0*. Networked corporate workgroups will be able to create a new type of file called a Book, which is a collection of *QuarkXPress* documents (with

streamlined page numbering) that share the same style sheets, colors and hyphenation and justification settings. Users will be able to automatically compile an index, a table of contents and other lists for all the documents in a book.

- ▶ Major productivity and printing enhancements. Almost every element of *QuarkXPress 4.0* has been fine-tuned to boost productivity. Users can take advantage of character-based style sheets,

rely on an enhanced Find/Change function to search and replace style sheets, specify text to wrap around all sides of an object in a column and zoom to 800 percent.

- ▶ Compatibility. *QuarkXPress 4.0* will be available on CD-ROM only. The Mac OS version will be fat binary, allowing customers to install *QuarkXPress* on either 68K or PowerPC-based computers. ■

We welcome the following members who have joined LIMac in the past month:

Gerald Angus
Ademco Corporation
Vincent Boccio
Klaus Bornemann
Dan Bury
Sandra Carrion
Rose Mary Cover
Frank Curran
Harry Davagarian
Beatrice Heney
Van Keely
Aristides Mojica
Kevin Montero
John Murello
Dominic Nardi
James O'Conner
Susan Peradze
George Perotto
Roslyn Public Schools
Brenda Quintyne
Samuel Rieger
Richard Rivkin
Ray Robertson
Leonard Sanz
Marilyn Schamroth
Leo Secunda
Myrna Stein
Sam Storch
Christine Swirloff
Ronald Tauber
Linner Vasoll



TIP!

Type and Charts in QuarkXPress, PageMaker, etc.:

Prepare the graphics in the draw program and then add the text in the page layout file. This makes for easier editing and also lets you resize the artwork without having to go back into the drawing program to resize all of the type. -Publish

More Technical Corner

increase. It comes down to this; serious business users need the 604e or better and bargain hunters can only afford the 603e based models.

▶ How does motherboard speed effect the overall speed of the computer?

The slower motherboard forces a fast microprocessor to wait more of it's time for the rest of the computer to feed it instructions and data, and therefore waste a greater percentage of the CPU's potential. A 80MHz microprocessor with a 40MHz bus (a 2:1 clock multiplier), like in a PowerMac 8100/80 is more efficient than a 6500/300 with a 300MHz microprocessor and the same 40MHz bus (a 7.5 clock multiplier). The 6500 may be faster, but it spends most of it's time waiting and you've spent a lot of money for that mostly idle 300MHz chip. A PowerComputing PowerCenter Pro 180 with a 60MHz motherboard and a 3:1 multiplier is a very efficient machine and offers very good bang for the buck. This inefficiency is partly offset by the use of a level 2 cache, to buffer between the fast CPU and the much slower main RAM system. The faster the CPU and the greater the clock multiplier, the greater the importance of a fast and big L2 cache. The UMAX *CacheDoublor* technology used in their C600x series showed the advantage of a fast L2 cache, because it used a double speed inline L2 cache. The even better backside cache used by the PPC 750 processor is much more efficient and offers 1:1, 1.5:1 or 2:1 speeds relative to the CPU speed. A 512K or 1M backside cache which at worst would be at 125MHz on a low end 250MHz 750 system, versus 80MHz on the 40MHz motherboard on the C600x. The hottest was the never shipped Power Computing Power Tower G3 at 275MHz 750 processor with its 275MHz 1MB backside cache. As far as L2 cache size, of course bigger is better, as shown by the PowerCenter Pro use of a 1MB cache. The Mac OS emulator needs a cache for decent performance, and 256K is not large enough for Apple's routines, but is the standard size for lower end machines. Bare bones models like the 7200/75 and 7200/90 series didn't even ship with one installed, but if you did add it, you got a very healthy 30% boost.

▶ I'm running System 7.5.5 on my Mac and having some problems. I was told System

7.6.1 fixes them. Is that true?

In general, yes. 7.6.1 contains many fixes from 7.5.5. It introduces a couple of new incompatibilities with old software, but for most people, it's worth upgrading to 7.6.1. Get *Drive Setup 1.3.1* and *1.2GB Firmware Utility 1.1* if you need it. You need these two if you have a IDE drive and plan on upgrading to *MacOS 8*.

▶ I got e-mail from the NY TIMES that they now have audio on their news web site that doesn't require downloading using Real-Service. I tried it and froze. Anybody familiar with it?

I expect they are using *RealPlayer* or the older *RealAudio Player* plug-in for *Netscape Navigator*. I would figure you froze because you needed to increase the memory allocated to *Navigator* to about 13MB to support the plug-in. The player should be used with *Navigator 3.0* or newer. Perhaps you have to update your browser. If you are using AOL 3.0's integrated browser, download and use *Netscape 3.0* and use the plug-in with it. Most plug-in installers won't work with AOL. Hopefully, you installed the *RealPlayer* or *RealAudio Player* on your Startup Drive. The *Player* could use a little more RAM, too. You might also need to update your version of *QuickTime*. Of course, the problem may be at their end, since this is a very new feature for them.

▶ I found a Translated Documents folder inside my Preferences folder with copies of everything I ever converted. It was about 7MB. I trashed everything in the folder and it didn't seem to hurt anything. Is there anyway to prevent this stuff from piling up? No, except for stop using Mac OS's Easy Open and rely on MacLinkPlus™ PC Connect (now up to version 9.7) for file format conversions. Just go in and trash the collection every once in a while.

▶ I updated from Eudora Lite 1.5.4 to 3.0.1 and my recipient list didn't translate right. It comes in with garbage characters and I can't seem to edit them out and they don't show up in the address book.

Use *Special Menu>Remove Recipient* and then the hierarchical menu with the name you wish to remove and then add back the correct nicknames as usual (*Window Menu>Nicknames*). ■



TIP!

How to send a scanned picture by e-mail.

Internet mailing programs are designed to transmit and receive ASCII (text) material. You've heard of bits and bytes used to describe digital data. The computers that most of us have use eight bits (binary digits) to make up one byte. ASCII only uses seven of these eight bits and so the mailing programs are designed to preserve only those seven bits. Other forms of digital data, like images, use all eight bits and thus do not survive the mailing process without special modification. Some mailer programs do the necessary translation automatically and, if both parties are using compatible programs, images may be attached to e-mail. This usually doesn't work.

For America Online users, the easiest way and most successful approach is to use AOL's FTP (*File Transfer Protocol*) area. Upload the image files you want to share (JPEG or GIF) and then include the file names and Web address in your e-mail message. - PIX magazine



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Corel Product Specialist Jeremy Oldland will give an informative and exciting demonstration of CorelDRAW®6.1 Suite for PowerMacintosh® Friday, November 17 at 7pm.

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TIP!

Enhancing detail in Photoshop:

Use the Dodge and Burn tools, set at a low to medium percentage, to bring out details. The idea is to build contrast, which will do a fine job of enhancing detail. With the Dodge (lightening) tool set for highlights, it will hardly affect the shadows; by the same token, the Burn tool set for midtones or shadows will not hurt the highlights.
 -Princeton Mac Users Group "Dialog"

Sore Eyes

Usually, I'm delighted to have Shelly do the column about the Internet, but this month I really want to stress these two addresses:

Tidbits, is a long standing Macintosh publication that is distributed free, on the net by Adam Engst and his hardworking distaff. While I can't say that I use every bit of info written there weekly, or even that I understand it all, it serves as a great source for answers to many of my questions and even introduces new concepts I've never even considered. You should subscribe to this publication and give it a whirl. Strictly Macintosh. <http://www.tidbits.com> and it's free!!

The other publication (for all platforms on the net) is Netbits. <http://www.netbits.net/> and it too is free! Netbits is a newly developed weekly newsletter, also published by Adam Engst, explaining the techniques and procedures of netiquette. The first issue offered on September 25, 1997 used the concept of an introduction for kids. Since I find that what kids can understand, I can too (usually), so Netbits is a great way to learn a new topic, and is not only for pre-teens.

The upper age capable of learning from this column is limited only by the current life expectancy tables. Both online publications are worth the free subscription, and a trial run.

Here are a few sites to keep you up to date on the ever changing Mac world:

- ▶ <http://www.macintouch.com>. Daily news updates on Macintosh hardware and software.
- ▶ <http://www.zplace.com/crashtips>. Featuring in-depth information on solving Macintosh freezes and crashes.
- ▶ <http://wwwZ.apple.com/whymac/default.html>. For free Macintosh stickers, videotapes and printed promotional materials. ■

User Group Connection

Apple Computer has cancelled its four-year relationship with UGC. The Apple Computer User Group program will be handled from now on by Brighid Brady-deLambert Carmela who will assume overall management responsibility for UGC in the new position of General Manager. Ray Kaupp and Steve Borsgard will no longer be with UGC. These changes have no effect on the operation of the User Group Store, which will continue to offer great deals and points to user groups, as it always has. Members can keep up with the happenings at the UG Store by checking their web site: <http://www.ugstore.com>. UG Store can also be reached at 1-800-350-4842

MACADDICT and MACHOME JOURNAL are generously offering user groups exclusive specials on subscriptions!! For MACADDICT: a 12-month subscription for \$24.95, includes 12 CD-ROMs, (\$5.00 off the regular \$29.95 sub.).

In response to the recent magazine merger of MACUSER and MACWORLD, MACHOME JOURNAL offers to fulfill all outstanding MACUSER subscriptions. Former MACUSER subscribers can convert the remainder of their subscription to MACHOME JOURNAL free of charge by sending their MACUSER mailing label to MHJ. To convert your subscription and receive up to 12 issues of MACHOME JOURNAL, send a copy of your mailing label from a recent issue of MACUSER to *Hello, MacHome!* P.O. Box 469 Mt. Morris, IL 61054; or fax a copy of your label to (415) 882-9502, Attn: MacUser Subscriber Help! Program; or scan the label and e-mail it to macuserconvert@machome.com. For more information, check out MHJ online at www.machome.com/macuserconvert.html or call (415) 957-1911 ext 13. ■



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TIP!

Reuse specially formatted files in *Illustrator* or *Freehand*:

To have new documents open with the same settings as a previously formatted file, save a copy of the special file as *Adobe Illustrator Startup* or as *Freehand Defaults*. When you want the file next time, temporarily move the original *Startup* file from its location (*Illustrator: Plug-Ins/Freehand: Freehand application folder*) and replace it with your special *Startup/Default* file.
 -Publish