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NEWSLETTER OF THE LONG ISLAND MACINTOSH USERS GROUP *A not-for-profit, volunteer, member-supported organization*

The LIMac FORUM

April 2014

www.limac.org

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LIMac was established in 1984, when the Mac was introduced.

Annual dues for membership are $36.
(The first meeting is free.)
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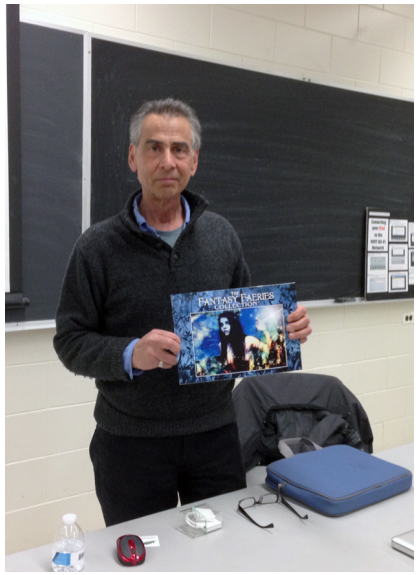
Produced using:
Adobe's InDesign CS3, Photoshop CS3, Illustrator CS3. Acrobat 8

Fonts are:
ITC's Officina Sans and Galliard Pro, Impact, Kidprint

March Meeting

Scott Randell & Brad Dichter



At the March meeting, Peter Scheer did a presentation which he calls, "Creativity and the Mind's Eye." Peter is a photographer, artist, filmmaker and photojournalist. The project he showed us is called "Fantasy Fairies." The goal, was for this to be a calendar, with a different fairy for each month. If you want to view some of the photos from this project go to: http://www.peterscheer.com/p962755896. Peter has been working on this project since the 1970s.

You must remember, that when he started this, it was pre-Macintosh, so obviously, pre-*Photoshop*. He did things like using multiple exposures using a film camera. The models in the photos are partially nude, which is what you could think a fairy might be. He had an artist make the wings for them and attached them with fishing line. The artist also created ears for them to wear.

With the advent of *Photoshop*, and digital cameras, he was able to be even more creative. First he took photos of potential backgrounds. Then he photographed winged insects in order to use their wings in the shots. He also photographed the models

March Meeting *continued on Page 7*

April Meeting

Rick Matteson

Our guest speaker this month is Savannah Peterson, Global Community Manager at Shapeways.com, the world's leading 3D Printing marketplace and community. On Shapeways, individuals can make, buy and sell their own products. By providing a platform for their community members to share ideas and gain access to cutting edge technology, Shapeways brings personalized production to everyone, whether they are already designing in 3D or are looking for that "perfect object." Shapeways 3D prints everything on-demand, which means that every order is customized and personalized.

Savannah will talk about how Shapeways empowers the future of product design bringing manufacturing capabilities to everyone. She'll describe the journey an idea takes on its way from the mind of the designer to the physical product.

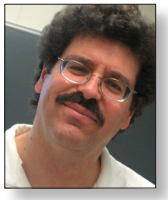
Savannah worked in conventional hardware design (consumer electronics & medical devices) in the Silicon Valley before joining the rapid prototypers and innovative designers at Shapeways. She has done Shapeways 3D Printing roadtrips across America as well as the UK and is excited to tell you all about the amazing world of Shapeways!

You can follow Savannah and Shapeways on Twitter at @SavIsSavvy and @Shapeways or find them on Facebook at "Shapeways." The Shapeways YouTube channel is at http://www.youtube.com/user/Shapeways

As always our meeting will begin with the two Q&A sessions, Bradley's in the main room and MacBasics across the hall. Our main presentation by Shapeways gets underway next, and following that will be announcements and our raffle, which this month will include

April Meeting *continued on Page 4*

Bradley's Tech Session



Bradley Dichter
Technical Advisor
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▶I downloaded the program *GoToMeeting*. After I was through with it, I tried to trash it, but the system wouldn't let me. Do you know how?

■ Unlike most application installers, the *Citrix Online Launcher* puts the *GoToMeeting* application in your /Applications/folder as locked. You would have to get info on it and uncheck the Locked option in the General group. Then you can drag it to the trash. I'm going to assume it's not still running, because you can't trash a program that's still running. There is also the com.citrixonline.GoToMeeting.G2MUpdate.plist in your home folder's /Library/LaunchAgents folder you will want to delete. Besides it's checking for updates, why not leave it there in case you need it again? It only takes about 30MB.

▶I have one of those 27″ iMacs from 2007 with the faulty 1TB Seagate hard drives and never got around to taking care of that. It hasn't failed yet though. I even got *Mavericks*. What would you recommend? I never used any where near the 1TB, maybe a third. What would it cost me to put an SSD in there? I've got 4 GB of RAM.

■ It can't be from 2007 as the affected machines were sold from October 2009 and July 2011 and the bad 1TB drives were also used in some 21.5″ iMacs. Not to mention the first 27″ iMac was introduced in October 2009. Apple won't do a swap like this, they only will put in another Seagate old school hard drive. So lets assume you have a Late 2009 model. After you suction cup remove the glass panel and remove the 8 screws holding in your LCD panel, tilt that out a bit and very gently disconnect the four cables. That will reveal your 3.5" SATA hard drive with it's drive sensor, a Seagate specific bit with cable and connectors. Without that connected to a drive, you will need the free *Macs Fan Control* to keep your hard drive fan from running at full speed all the time. Anyway, the SATA interface is a SATA II type, which means limited to 3 Gb/sec. So you can use an OWC Mercury Electra 3G SSD. If you got about 330GB, perhaps the $335 480GB size should do. The original 3.5″ hard drive mounts via the four side threads. As the SSD is 2.5″ form factor, you will need an appropriate adapter bracket like the NewerTech AdaptaDrive for $14.95. You could compromise and get a 3.5 inch Seagate 1TB hybrid drive and still connect up the sensor cable. Either way, you will need to somehow connect the new drive to the iMac and clone the current drive to the new drive beforehand so the computer will boot up. The cheapest way is with this enclosure for your old hard drive. Swap the drives and put the old one in the enclosure, hold down the option key to force the Mac to show the boot loader, specify your old drive, then you can format the internal drive and clone everything over

Bradley's Tech Session continued on Page 3

President's Message

Bill Medlow
President
archbill@optonline.net

At our General Meetings, we have been asking members (for the the last 30 years) what they are interested in, what they would like to see each month. We have been very fortunate to bring in almost all their requests as we have been interested in these requests ourselves.

Now, we have expanded our ability to meet these requests with the use of Skype to have a live presentation on our 110" screen. Test efforts have been very successful and it is almost like they are in the room with us. For us, this is a milestone as the individual is answering your question by speaking directly to you, uninterupted. They are addressing LIMac and we are making it happen. This will not be every month but when someone is far away and can not make it in person. LIMac is moving forward, please come to our next meeting and move with us.

Bill Medlow

DAN DANGLO

"The drone wants to know what kind of seasoning you're using."

Bradley's Tech Session continued from Page 2

using *Carbon Copy Cloner* or the restore function in *Disk Utility*. Then choose the new drive as your startup disk in the *System Preferences*. There is yet another option. OWC sells the Data Doubler bracket. You can replace your faulty Seagate drive with a good new one, maybe even that hybrid drive, and replace your optical drive with a SSD. OWC's cheapest Seagate drive is 500GB and $60. Kind of the best of both worlds where your system and applications are on the SSD and maybe just downloads on the HDD. You can use an external optical drive, maybe even a blu-ray player/burner one. As for costs, besides these material costs, if you can't do the installations and cloning yourself, then you have to figure about $300 labor for perhaps 3 hours of work. Final option, replace the old iMac with a new faster model that comes with a PCIe flash storage option. Who knows how much longer the old Mac has? It may not be worth investing the money on the old Core 2 Duo technology. At least the Late 2009 27″ iMac could be upgraded past the 4GB of RAM up to 16GB. Another 4GB for your unused two slots is just $55.

▶ Why would a user want to replace a larger HDD with smaller and more expensive SSD?

■ The Mac is a very disk intensive system and all the more so with the latest generations. The use of small graphics files and compressed resources makes things worse and worse for spinning hard drives. Ask anyone who has upgraded their computer with a SSD and they will tell you it's better than getting a new computer, as CPU speed has a lesser impact on everyday functions than your storage access time. I had been booting off a 8 drive RAID 6 disk array which had great transfer rates but the upgrade to a SSD startup drive, which also had great transfer rates, had a much bigger impact. Even *Mail* and web browsing were much better. A SSD doesn't slow down as it fills up and never needs defragmenting. They are just as reliable as enterprise class hard drive, which is much better than the consumer class drives Apple puts in. They never have head crashes. The type OWC sells is over provisioned. If it detects the equivalent of a bad block, it uses a spare. In the case of a laptop, the solid state drive's lack of spinning parts make it far more reliable as well. You don't have to waste time as your hard drive spins back up if you let it save energy. Keep that in mind the next time you wake your computer from sleep. It's also perfectly silent and runs cooler. If one where in the market for a new computer, the first upgrade option I recommend is a flash storage or at least a Fusion drive swap. Having a SSD boot drive in your computer doesn't mean you can't also have an external HDD if you need more second tier slower storage space for files. You probably already have an external drive for backup. Perhaps it could be re-purposed for storage and a bigger drive used to backup both the internal and external storage drives.

Admittedly off topic, as I've said many times before, on some Macs where 4GB of RAM is standard (Mac mini and MacBook Air and low end MacBook Pros), it's pretty marginal, as running just two programs running will use up 3GB of that. So a RAM upgrade may be my second upgrade option, depending on your usage habits and tasks. Desktop publishing usually needs more than 8GB of RAM. Also I'm increasingly aware of the need for a good GPU to *Mavericks* and some programs and ultra high resolution displays. It's not just for playing 3D games. You can't upgrade later, so it's worth it to get a better one when you can.

▶ Is there a way to tell how many hours your Mac has been on since it was made?

■ I'd say no. The Mac does keep track of how many hours and minutes since it booted up and shows that in the *System Profiler/System Information* application, but since the count is reset at every restart or boot up and unless it's a rather special file server, the Mac most likely has restarted many times over it's life. There is a Widget called *ShowOff* that can display your longest uptime since it was installed. Still not a running total. You could write a script that would keep a log file or develop a LaunchDaemon that would do this. There is a UNIX daemon called *uptimed*. Perhaps you can compile it for the Mac OS X. The closest I've found is *Mac Uptime*. It's an old PPC program. The Intel version *Mac Uptime II* has less features. Perhaps you can get the author to work on bringing back the accumulation function.

▶ Yesterday I upgraded my MacBook Pro to *Mavericks*. There are still about three programs that need updates. The *App Store* says that it needs a different Apple ID? I've got 3 Apple IDs. Can I combine them?

■ No you can't, but I think the Apple support people can. It's a real problem dealing with multiple apps for your Mac or iOS devices purchased via more than one Apple ID.

▶ I read on the Macworld web site than Apple won't be supporting *Snow Leopard* any more. What about that?

■ Apple has not said that. 20% of Mac users still use *Snow Leopard*, and Apple still sells it. There was a recent SSL encryption bug that was patched with *OS X 10.9.2* and a security update for *10.7* and *10.8*, and *iOS 7.0.6*, but no update for *10.6*. So this lead to that incorrect conclusion. The real deal is *10.6 Snow Leopard* didn't have the bug in the first place, and that is why no update was released. In fact March 12, there was a XProtect update for *Snow Leopard* which was after that security update was released. As proof, see for yourself at this test site with *Snow Leopard* and *Safari* or *Firefox* or *Google Chrome*. Still it's a good reminder to be careful with unknown and unlocked wireless networks. Of course *Snow Leopard* machines, like even older releases, don't blow up or refuse to boot even when Apple stops releasing updates. It's just liable to any new security holes discovered. The old software still works as before. Of course the rest of the world moves on. I imagine the trend towards obsolescence will continue for *Snow Leopard* users. Perhaps when web sites need a newer *Flash* than is supported by *Snow Leopard*, then there will be a greater adoption of the newer operating systems. *Snow Leopard* was the last to support the legacy PowerPC coded applications like *AppleWorks 6*. If one had access to a copy of *Snow Leopard Server* on disc, you could

Bradley's Tech Session continued on Page 4

Bradley's Tech Session continued from Page 3

install that under *VMware Fusion 6.0.2* running on *Mountain Lion* or *Mavericks* and have the best of both worlds. I was thinking another handy way to run both old and new operating systems at the same time is to use an old Mac mini and use screen sharing, perhaps Apple's *Remote Desktop* and control an actual computer instead of a virtual one. The mini uses little space and power. You don't need a monitor with it after it's set up. Probably easier to find an old Mac mini G4 than a copy of *Snow Leopard Server*? No, not really. $41.65 open box, probably cheaper than a Mac mini, if you already have $59.99 *VMware Fusion 6*. I happen to have a old Mac mini G4 and *Snow Leopard Server*. The G4 can even run *Mac OS X 10.4* and thus the classic *Mac OS 9* environment. If the classic environment is your goal, you can try *SheepShaver* for running *Mac OS 7.5.2* through *Mac OS 9.0.4*. The normal or client version of *Snow Leopard* is not supported for legal reasons. See https://www.vmware.com/support/fusion/faq/requirements.html and scroll about half way down to 'Supported Guest Operating Systems'. *VMware Fusion* cannot use *Mac OS X 10.4* as a guest OS, but can go back as far as *10.5 Server*. It probably solves very little, but *VMware Fusion* can also virtualize *OS X 10.7 Lion* (or *Mountain Lion*) which does not require the independent *Lion* (or *Mountain Lion*) *Server* application. The opposite is also possible so a lesser extent. If you are running *Snow Leopard* and *VMware Fusion 5*, then you can virtualize *Mountain Lion*. Understand though that you can't virtualize an operating system not supported in the first place, so old Macs that can't run it, cannot virtualize it.

April Meeting continued from Page 1

a 3D printed object (it's a surprise) provided by Shapeways. The evening will conclude with members of the newly renamed AppSIG (formerly the iOS SIG) demonstrating some of their favorite apps.

Don't miss this meeting. It's going to be a real winner! See you there.

One of the many things you can make on a 3D printer.

User Group Offers

George Canellis
User Group Ambassador &
Vice President
gwc11713@optonline.net

A subscription to KelbyTraining is a "must-have" for photographers, graphic designers, and anyone that's serious about taking their photography skills to the next level. It's the perfect way to learn at your own pace, on your own time. Best of all, you get access to their online catalogue wherever you are, so you can replay specific clips or even repeat the entire class if you like. Most classes also come with the exercise files that the instructor used so you can follow along! For less than the cost of an average tripod you can study online for an entire year at the planet's premier photography education destination. [redacted]

Online radio stations run by real people, not generated by computers. Live365 VIPs enjoy commercial-free music and talk from the web, mobile, and all Live365-enabled devices. Your saved stations are stored in the cloud, so access them everywhere you happen to be. Get ultimate, commercial-free access to 7,000+ stations, better sound and support your favorite DJs. [redacted]

Bring back the familiar feel and sound of a clickety-clack keyboard with the Das Keyboard Model S Professional for Mac. It sports best-in-class, German-engineered mechanical gold-plated key switches which provide a tactile and audible click that makes typing pure joy. It also has a two-port USB hub as well as Mac specific special keys. The Das Keyboard Model S for Mac allows 5-key rollover, i.e. 5 keys pressed simultaneously. Great for gamers and fast typist. [redacted]

NCH Software maker of *Mac OS X* software for business, audio conversion, vinyl to CD, MP3 recorder, video editing & more. For more details visit: [redacted]

Carrot Ink offers premium ink cartridges, laser toner and printer supplies for Brother, Canon, Epson, HP, Lexmark and Samsung without the premium price tag. You won't have to think twice when you use Carrot Ink. [redacted]

Over the years, Corel has brought a spirit of innovation to the development of a range of award-winning products that includes graphics, painting, photo, video and office software. Corel also earned a reputation for delivering high-quality products that are easy to learn and use, and help people achieve new levels of

User Group Offers continued on Page 5

User Group Offers continued from Page 4

productivity. But more than that, they've built a relationship with a community of users—now 100 million strong.

You know that you're ready to install more RAM in your desktop or notebook, but you're not sure which memory module is right for your particular Mac. Crucial has the tools to make finding the right memory upgrade fast and easy and Crucial memory has a limited lifetime warranty and comes with free shipping!

Boston Acoustics' MC200Air is a high performance wireless speaker system for AirPlay. AirPlay wireless technology lets you stream your favorite music from your Wi-Fi connected PC or Mac using iTunes, or your iPad, iPod Touch, or iPhone device to your MC200Air Speaker System.

Founded in 2002, Big Fish is the world's largest producer of casual games; dedicated to bringing engaging entertainment to everyone, anywhere, on any device. Through its proprietary, data-driven platform, millions of consumers seeking engaging entertainment easily discover and play computer and mobile games created by Big Fish's network of more than 600 development partners and its in-house Big Fish Studios. Big Fish offers a new game every day for Mac, PC and Big Fish Unlimited players. There are over 350 games available on iPad and iPhone. Big Fish has a library of 3,000+ premium downloadable games.

Tech Armor Ballistic Glass Screen Protectors are the clearest protection available for your Apple iPhone 5 Retina displa and Apple iPad mini. Made of hardened tempered glass only .4mm thick, they offer the ultimate in protection for your iPhone 5 and iPad mini without sacrificing clarity or touch screen sensitivity! All Tech Armor Screen protectors are made of the highest quality tempered glass available with 100% bubble-free silicon adhesives. Save 25% off Tech Armor Ballistic Glass Screen Protectors today!

ZAGG, maker of great screen protectors (invisibleSHIELD), mobile keyboards, cases, audio accessories and more.

MacGameStore was launched in April 2005 and since then has grown into the leading Mac-only distributor of digital download games with over one million Mac games sold. Their goal is to provide the best shopping experience that Mac gamers deserve with hot new selections every day, excellent customer service, daily specials, great bundles, and useful information to make purchasing decisions easier. MacGameStore's special department is rolling out the amazing savings up to 75% on nearly 15 games, as low as $2.99.

Apple user group members receive a 35% discount when they shop at peachpit.com and 40% on all eBooks and videos. Just enter the user group discount coupon code at checkout. Ground shipping is free! (This discount cannot be used in conjunction with any other coupon codes such as the Peachpit Club.)

Que Publishing has more than 32 years of experience helping users learn about computers and technology for the home, office, and business. Their books, eBooks, and videos teach through step-by-step tutorials, are rich in illustrations, and provide in depth references on important topics including *OS X Mountain Lion*, iCloud, Apple devices, and much more. For those interested in beginner to advanced Mac programming titles, visit Que's partner site *www.informit.com/store* to see new releases from Addison-Wesley Professional and Sams Publishing. Apple user group members can take advantage of exclusive product discounts of 35% off the list price of all print books and 45% off the list price of all eBooks and Video Training plus free U.S. shipping every day. To get started, visit: *http://www.quepublishing.com/store*

Mac|Life is THE Apple-product magazine that changes all the rules. *Mac|Life* recognizes Apple's dynamic role in work, play and life and will appeal to core Apple users. With fresh insight, in-depth how-tos, stunning design and exclusive information, *Mac|Life* helps users realize their full potential. Mac|Life is the ultimate magazine about all things Apple.

SlideShark from BrainShark, Inc. is a free app that converts *PowerPoint* presentations to view on your iPad. It is easy to use and designed with professionals, educators, and students in mind. It preserves animations, fonts, graphics and colors, and allows you to tap or swipe to advance animations and slides. With *SlideShark* you can view and present your slideshow on the iPad the way it was meant to be seen (and show on your TV with the iPad 2). See a demo at *https://www.slideshark.com/*

User Group Offers continued on Page 6

User Group Offers continued from Page 5

[redacted]

Too many passwords to remember? *1Password 3 for Mac* is a password manager that goes beyond simple password storage by integrating directly with your web browser to automatically log you into websites, enter credit card information, fill registration forms, and easily generate strong passwords. As an Apple user group member, you are entitled to get the single user *1Password* on the Mac for $29.99, well below the normal retail price of $39.99 ($52.49 for the 5-user family version, which is usually $69.99). You also get a 25% discount on everything in the Agile Store. *1Password* is separately available for the iPhone or iPad ($9.99) and iPad/iPhone combo ($14.99) from the Apple *iTunes Store*. [redacted]

Get 40% off books and videos from O'Reilly, Microsoft Press, No Starch, Paraglyph, PC Publishing, Pragmatic Bookshelf, Rocky Nook, SitePoint, or YoungJin books and 50% off ebooks you purchase directly from O'Reilly. Order from the O'Reilly Store online or by phone at 1-800-998-9938. [redacted]

Eltima Software is a global software development company, specializing in Flash software development for Mac users. All flashers will see the true value of *Flash Decompiler Trillix for Mac, Flash Optimizer for Mac* and *SWF & FLV Player for Mac*. With these products, managing Flash files is easy: decompile, compress or just play them back. Regular prices for Eltima's Flash software range from $19.95-$99.95. [redacted] Get your Flash products here: *http://mac.eltima.com/* [redacted]

Freeway gives you all the legendary ease-of-use and features that launched the desktop publishing revolution. You can quickly and effortlessly lay out your website, embed images and content, then publish your work as standards-compliant HTML. Upload to your server, or to a folder. You supply the creativity, *Freeway* handles the code. LIMac members can buy *Freeway Pro*, regularly $249 for $186.75, and *Freeway Express* for $59.25, a 25% discount. Build your website now. [redacted]

PowerMax.com, the engine behind The Apple MUG Store, is pleased to announce a new process for Apple user group members. Instead of going to the Apple MUG Store website to view a limited selection of items, members can now go directly to the PowerMax website to peruse and purchase almost 50,000 products. By identifying the user group you belong to (either on an online order or over the phone), PowerMax will continue to accumulate points for LIMac to use. In addition to great deals, free UPS shipping is offered on any order over $50. Be sure to take advantage of this win/win deal: *http://PowerMax.com*

RadTech manufactures and distributes an array of best-in-class accessory solutions for Apple computers, iPhone, iPod and Cinema Displays, all designed to keep you connected and protected in style. Experience the RadTech difference through their unique product line and legendary customer support. [redacted]

No matter what Apple devices you're using, there's a *Take Control* ebook that will help you polish your skills, work more efficiently, and increase your productivity. Check out our highly practical, tightly focused ebooks covering *OS X*, Macintosh applications, the iPad and iPhone, 802.11n networking, and more! Written by the most-trusted names in the Mac world and published by Adam and Tonya Engst of *TidBITS*, *Take Control* ebooks provide the technical help you need now. *Take Control* ebooks are available for immediate download in PDF format (for Macs and iPads), and with EPUB (for iPhone and iPod touch) and Mobipocket (for Kindle) versions available after purchase. An exclusive 30% off their already low prices is offered to Apple user group members on all *Take Control* ebooks. [redacted] TidBITS: *http://www.tidbits.com*

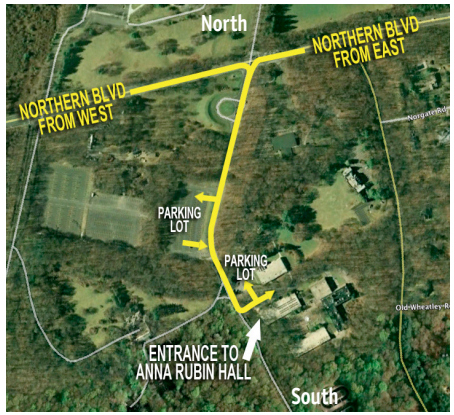
Do you own or work in a Mac-based small business that has grown out of it's computerized checkbook? Have you grown tired of creating invoices using *InDesign* or *Word*? If you think you are ready to move beyond your shoebox, MYOB has the right tool for you at a great MUG discount. MYOB, Inc., the leader in Mac small business management, has just released MYOB *FirstEdge*, a new Mac only product that will help you run your business quickly and easily. [redacted] *http://www.myob.com/us/*

March Meeting *continued from Page 1*

in various poses. After creating these elements, he would superimpose the models into the backgrounds, and add wings and ears. He also changed the color of their skin and other things, to create more of a fantasy environment. You see in the photo below, how he used firefly like blips, to give the perception that fairies were flying around, and reflections, to enhance the fantasy mood even more.

After this, Peter showed his film: The "Image Image:Who am I." The video is about stereotypes that can result from first impressions. It shows various people, and flashes hints of what peoples first impressions may be. It is meant to make the viewer think about false impressions they may get as a result of their background. It is a good example of mixed media as it includes photos, text and music. You can view this at: *http://vimeo.com/83428435*.

At the end, he had a Q & A about the presentation and other things he was doing. The audience really seemed to enjoy this presentation.



General meeting time schedule:
Meetings are held at
The **New York Institute of Technology**,
Building 300 (Anna Rubin Hall),
Old Westbury, Long Island.
For more detailed information about this location go to *limac.org*

Meetings start promptly at ***7:00*** **P.M.**
Bradley's Q&A: 7:00 – 7:30 P.M.
MacBasics Q&A: 7:00 – 7:30 P.M.
No MacBasics
Featured Presentation: 7:30 – 8:20 P.M.

MacBasics SIG: Q&A session only
App SIG: No known topic

- In bad weather, call (516) 686-7789.
- The next LIMac board meeting will be at the Plainedge Library, (516) 735-4133, on Wednesday, April 14th, at 7:30 P.M. For more detailed information about this location go to *limac.org*

Renewal

Membership renewal for 2014 takes place from now onwards. A bonus discount was passed by the Board of Directors a few years ago: Bring in a new dues-paying member and get a **$12** discount off your membership renewal. Bring in three new members and your renewal is free!

Bringing in a new member also includes getting a past member back into the group.

Make your **$36** check out to LIMac and bring it to the next meeting, or mail to LIMac, Post Office Box 2048, Seaford NY 11783-0180

How to better visually enjoy the *Forum*: Your Editor prefers you to use *Adobe Reader 9* or better, as long as your Mac meets the requirement of Mac OS 10.4.11 or newer. *PostView* 1.8 ($22) works from Mac OS 10.2 all the way up to 10.5 for PowerPC and Intel based Macs.

For a Year's membership
Send your $36 check to:

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P.O. Box 2048
Seaford, NY 11783-0180

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