

NEWSLETTER

*The Best Accessory
for your PC!*



Proud member of www.apcug2.org:
Association of PC User Groups
<https://www.youtube.com/user/APCUGVideos>

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(AT) = (@) above and in this newsletter
Steering Committee: Officers and Members who
are present at all three meetings

This website is gone: www.azacc.org
The Arizona Alliance of Computer Clubs

MAPS TO MEETINGS Page 16

West Side.....Tue, Aug 15, 2017
College America, 9801 North Metro Pkwy E8,
Phoenix, AZ

East Side.....Wed, Aug 16 2017
Univ. of Advancing Technology, 2625 W Baseline
Road, Tempe (one block west of Fry's Electronics)

Fountain Hills.....Thur, Aug 17, 2017
Fountain Hills Library, 12901 N La Montana Drive,
Fountain Hills, Arizona. **Starts at 5:30 PM!**

Presentation this month: [Computer topics, Windows 10, Smart Phones, etc.](#)

For **date and time** changes:
www.phoenixpcug.org

USE STRONG PASSWORDS! Do updates: Java, Adobe Reader, Windows - see #5, #10 below

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Windows 10 Lots of info, even more at:
Our meetings!

Look for Windows 10 articles in this issue!

It is better than Windows 7, 8.1 mostly, Western Digital hard drives include Acronis True Image for Windows 10, etc. - for their drives only.

<http://supportdownloads.wdc.com/downloads.aspx?p=119&lang=en>

Best Free Drive Backup programs for Windows

<http://www.ghacks.net/2014/08/08/best-free-drive-backup-programs-for-windows/>

Hard Drive or SSD backup with iDrive

Kim Komando & tips this month: 1-888-825-5254

<http://www.komando.com/show-picks>,
<https://www.facebook.com/kimkomando>
<https://www.youtube.com/kimkomando> **NEW!!**

Leo Laporte <http://www.techguylabs.com/> news

<http://leoville.com/> <http://twit.tv/people/leo-laporte> 1-88-88-ASK-LEO Listen, The Tech Guy -
TuneIn <http://tinyurl.com/pu8rsc>

Check Leo's Windows 10 news!

https://www.google.com/?gws_rd=ssl#q=leo+laporte+facebook or **Google: Leo on YouTube!**

June 2014, I tried out Norton Safe Web

<http://safeweb.norton.com> & Online Link Scan - www.onlinelinkscan.com One member emailed me about protecting his PC, both excellent ways to avoid malware, ransomware, etc.

Eye on Windows: Comprehensive Windows

10 News <http://www.eyewindows.com/>
<http://www.eyewindows.com/category/satya-nadella/>
<http://www.windows10update.com/>

Many Windows 10 news, tips and updates for you (a pop-up will happen, sign up - DY) Hardware, Software Reviews & Windows Resources. Last web link is great!

www.batteriesplus.com - batteries & bulbs!
<http://www.optimabatteries.com> spiral batteries motor vehicles! AutoZone & other auto stores.

Windows 10 Plain & Simple 1st Edition

Very Good Book for
<https://twit.tv/shows/windows-weekly> Win 10, etc.
Microsoft Books

<http://www.amazon.com/Windows-Plain-Simple-Nancy-Boysen/dp/0735697949>

<http://www.belarc.com/> Your PC's HW, SW audit,

The Kim Komando Show - stations and times - TuneIn, just Google "komando tunein all stations" Listen free on weekends.

www.komando.com/downloads/2321/6-essential-types-of-security-software-you-must-have/all

Komando On Demand Podcasts and News

http://www.komando.com/listen/komando-on-demand?utm_medium=nl&utm_source=notd&utm_content=2015-11-28-a-a

https://news.komando.com/?utm_medium=nl&utm_source=notd&utm_content=2015-11-28-article-4-title

Tim Greer, Microsupport says Acronis True Image and Carbonite, each has pluses.

602-404-4245, 480-232-1101, microsupport.com
CryptoPrevent Installation --
MicroSupport.com by Ray Moore

Google: Joe Shipley computer, (480) 227-2725

<http://joeship.us/> Computer Repair and Services in Gilbert, Chandler, Mesa, Tempe

Carey Holzman, Carey@CareyHolzman.com,
https://www.youtube.com/results?search_query=carey+holzman Phoenix, upgrades, repairs

Gene Barlow sells Acronis True Image for Windows 10, 8.1, 8, 7, Vista, XP, Apple Macs.

<http://www.ugr7.com/> . Ask for latest email on Windows 10 and **user group discounts!**
Barlow's 2017 Newsletter – quarterly newsletter free
<http://ugr7.com/newsletter-signup.html>

SPSI Computer Specialists - Peoria, Az
www.spsi-az.com/ , contact Troy, 602-997-7335

IMPORTANT: DON'T MOVE TOO FAST TO WINDOWS 10, CLONE HARD DRIVE FIRST

Windows 10 Update

<https://www.google.com/search?q=Windows+10+Update+&ie=utf-8&oe=utf-8>

We appreciate support by:

- * College America collegeamerica.com/phoenix
 - * University of Advancing Technology uat.edu
 - * Maricopa County Library, Fountain Hills
mclclaz.org/custom/branches/fountainhills.aspx
- Also, Google all their Facebook pages

BRING A FRIEND!! WE NEED MEMBERS!!
YOU CAN ASK QUESTIONS AT MEETINGS!

David Yamamoto

David Yamamoto, President of Phoenix PC Users Group, www.phoenixpcug.org/newsletters

For Business, Science, Health, etc. see our planned newsletters at the above web link.

This August 2017 newsletter is dedicated to everyone in education: students, parents, teachers, administrators, and so on. DY

Back-to-School-Humor!

Teacher: Class, we will have only half a day of school this morning. Class: Hooray!

Teacher: We will have the other half this afternoon.

Luke comes home from his first day of school, and his mother asks, "What did you learn today?" "Not enough," Luke replies. "They said I have to go back tomorrow."

<http://tinyurl.com/h4kr658> Google Technology News <http://tinyurl.com/zjwzqa6> Google Science News
<http://tinyurl.com/zyhtyto> Google Business News <http://tinyurl.com/hn2tcr9> Google Health News
<http://www.zdnet.com/article/microsoft-releases-first-windows-10-redstone-3-pc-test-build/>
<http://www.computerworld.com/> <http://www.networkworld.com/> <http://www.zdnet.com/>
<https://www.pcmag.com/dvorak> <https://twit.tv/> https://twit.tv/shows?shows_active=1
<http://www.pcworld.com/> <https://www.pcmag.com/> <http://www.poppphoto.com/>
<http://www.poppphoto.com/2016-annual-readers-contest-winners-and-finalists>

Wordpress, build a website: <https://www.google.com/search?q=wordpress+reviews&ie=utf-8&oe=utf-8>

Computerworld Microsoft - Windows 10

<http://link.computerworld.com/view/593963aa24c17c3fcacde9385zql4.5mj/dd39cb1c>

Woody on Windows, By Woody Leonhard, Columnist, Computerworld | Jul 10, 2017 4:17 AM PT

With Patch Tuesday imminent, make sure you have **Automatic Update turned off:**

<http://tinyurl.com/ycng6q5t> ([http://www.computerworld.com/article/3206705/...](http://www.computerworld.com/article/3206705/))

<http://www.computerworld.com/article/3138088/microsoft-windows/woodys-win10tip-block-forced-win10-updates.html> <http://www.infoworld.com/resources/111525/microsoft-windows/windows-10-installation-superguide#tk.ifw-infsb> <http://www.infoworld.com/newsletters/signup.html#tk.ifw-infsb>
<http://www.infoworld.com/article/3136336/microsoft-windows/woodys-win10tip-how-to-figure-out-your-windows-10-version.html> <https://tweakhound.com/2016/10/23/delaying-windows-10-updates/>

<https://www.askwoody.com/win10-tips/> Like what you see? Pick up a copy of my 986-page

"**Windows 10 All-in-One for Dummies 2nd Edition**" at Amazon US or Powell's Bookstore.

<https://www.amazon.com/Windows-All-One-Dummies-Computers/dp/1119310563> \$14.55 used

The most comprehensive guide to Windows 10, updated with the latest enhancements

If you're new to Windows 10 and want an authoritative and accessible guide to the basics of the widely used operating system, Windows 10 All-in-One For Dummies is the book for you.

Windows 10 Redstone: A guide to the builds By Preston Gralla Contributing Editor, Computerworld

<http://tinyurl.com/y8fdarca> ([http://www.computerworld.com/article/3118132/...](http://www.computerworld.com/article/3118132/)) Jul 10, 2017 10:45 AM PT

APCUG 2017 Conference <http://mailchi.mp/352396f29a5f/apcug-february-11-vtc?e=6f8b139b90>

FREE 2017 SUMMER VIRTUAL TECHNOLOGY CONFERENCE (VTC) Use Chrome Browser!

Saturday, August 19 1:00 pm – 4:00 pm ET 12:00 – 3:00 CT 11:00 – 2:00 MT 10:00 – 1:00 PT

Microsoft Turns to AI to Fight Cyberattacks By Donna Fuscaldo | June 28, 2017 — 12:35 PM EDT

<http://www.investopedia.com/news/microsoft-turns-ai-fight-cyberattacks/>

What Advisors Need to Know About Ransomware By Justin Kuepper | Updated July 6, 2017 — 9:15 AM

EDT <http://www.investopedia.com/articles/financial-advisor/060816/what-advisors-need-know-about-ransomware.asp>

“What’s new in Windows Defender ATP Fall Creators Update

<https://blogs.technet.microsoft.com/mmpc/2017/06/27/whats-new-in-windows-defender-atp-fall-creators-update/> Windows Defender Advanced Threat Protection (Windows Defender ATP)

Enhanced Mitigation Experience Toolkit (EMET) which are now built into Windows. With the addition of EMET technology, companies will be able to apply advanced vulnerability mitigations on legacy apps running on Windows 10 without the need to recompile them.

Another powerful Windows Defender Exploit Guard capability will allow automatic blocking of websites known to host malicious code, by leveraging Windows Defender SmartScreen knowledge base. The integration between Windows Defender ATP and Windows Defender Exploit Guard is designed to offer new prevention capabilities that offer smarter and adaptive defenses for companies using our service (Figure 1).” Long article, DY

“Windows Defender Advanced Threat Protection Detect, investigate and respond to advanced attacks.

<https://www.microsoft.com/en-us/WindowsForBusiness/windows-atp> What’s the cost?

Post-breach detection, investigation and response

Even the best endpoint defenses will be breached eventually, as cyberattacks become more sophisticated and targeted. Windows Defender Advanced Threat Protection (ATP) helps our enterprise customers detect, investigate, and respond to advanced attacks and data breaches on their networks.”

<http://aka.ms/register-wdatp> = <https://winatpregistration-prd.trafficmanager.net/UserAgreement>

Net Neutrality Day of Action CBS News July 12, 2017, 1:31 PM

Tech companies rally for Net Neutrality Day of Action as FCC aims to roll back rules

<http://www.cbsnews.com/news/net-neutrality-day-of-action-protest-fcc-plan-to-roll-back-rules/>

“Shodan: The scariest search engine on the Internet - Apr. 8, 2013

<http://money.cnn.com/2013/04/08/technology/security/shodan/index.html>

Apr 8, 2013 - Shodan is an Internet search engine capable of finding just about every connected thing imaginable.” (Shodan - first degree black belt in judo and karate)

www.catphones.com/ The world's first thermal imaging, waterproof, rugged, smartphone.

Waterproof to 5m · Thermal imaging camera · Drop-proof to 1.8m

Bill and Melinda Gates, Warren Buffett https://www.gatesnotes.com/2017-Annual-Letter?WT.mc_id=02_14_2017_00_AL2017_GL-GN_&WT.tsrc=GLGN”

<http://www.computerworld.com/article/3198652/windows-pcs/the-windows-malicious-software-removal-tool-has-been-updated-for-wannacry.html>

“The Windows Malicious Software Removal Tool has been updated for WannaCry

Defensive Computing By Michael Horowitz, Computerworld | May 26, 2017 12:07 PM PT

Microsoft offers a number of free anti-malware tools. Windows 10 and 8.1 users have Windows Defender. Windows 7 users can chose between the full-featured Microsoft Security Essentials (MSE) or the limited Windows Defender. But all Windows users have access to the

Malicious Software Removal Tool (MSRT) even though they may not be aware of it.

FEEDBACK: Get in touch with me privately by email at my full name at Gmail or publicly on twitter at @defensivecomput. (Michael Horowitz) (at) (gmail.com)

Download [Malicious Software Removal Tool](#) from Official Microsoft ...

<https://www.microsoft.com/en-us/download/malicious-software-removal-tool-details.aspx>

4 hours ago - Windows Malicious Software Removal Tool (MSRT) helps keep Windows computers free from prevalent malware. MSRT finds and removes ...”

With Patch Tuesday imminent, make sure you have [Automatic Update](#) turned off

You have to patch sooner or later, but there’s no reason to directly expose your machine to malformed missives from Microsoft

http://www.computerworld.com/article/3206705/microsoft-windows/with-patch-tuesday-imminent-make-sure-you-have-automatic-update-turned-off.html?google_editors_picks=true



Colors reversed, saves toner.

“Monitor and Protect Your Precious Data With Hard Drive Sentinel

Review by Gabe Goldberg, APCUG Representative, Potomac Area Technology and Computer Society; APCUG Advisor, Region 2, ggoldberg (at) apcug.org. (Email Gabe if you have questions - DY)

<https://apcug2.org/gabe-goldberg/>



“TechBoomers.com - Free Website 36 Major Courses and App Courses <https://techboomers.com/> <https://techboomers.com/c/social-websites>

TechBoomers.com is a free educational website that teaches older adults and others with basic computer skills how to use popular websites and apps. (Seems excellent: DY)

<https://techboomers.com/p/facebook> <https://techboomers.com/t/delete-facebook-account>

WeChat for Web: <https://web.wechat.com/> is a messaging and calling app that allows you to easily connect with family & friends across countries - the course: <https://techboomers.com/p/wechat>”

DY: Always read many reviews before trying any of these websites and apps!

http://www.chinadaily.com.cn/opinion/2014-08/25/content_18478846.htm

“<http://www.patacs.org/patwindows10.html> Resources Suggested by Our Members” Excellent - DY

“Microsoft Updates Windows 10 With [Ransomware Protection](#) Feature ...

<http://fortune.com/2017/06/29/microsoft-windows-ransomware/>

Jun 29, 2017 - Microsoft is adding new features to Windows 10 that it says can help keep users safe from ransomware and malware attacks.

Here’s What Microsoft Is Doing to Save You From Ransomware Lisa Marie Segarra Jun 29, 2017

Amid a global wave of ransomware attacks, Microsoft is adding features to its Windows 10 software that may help keep users safe.

The latest Windows 10 Preview Build released to some Windows Insiders on Wednesday has added a new feature called "controlled folders," Microsoft says. The new feature aims to protect files from malicious apps and other threats by monitoring changes made to contents within a controlled folder.

Read more: Everything to know about the recent ransomware attacks

<http://fortune.com/2017/06/27/petya-ransomware-cyber-attack/>

The documents, pictures, movies and desktop folders are automatically added as controlled folders, which cannot be changed by users.

Microsoft says that users will get a notification if any malware or blacklisted applications attempt to change a protected file. Windows Insiders can activate controlled folders via the Windows Defender Security Center under Virus & Threat Protection in settings.

Users can also allow apps they trust to make changes. Trusted apps can be added through the Controlled Folder Access Panel.”

<https://crossbar-inc.com/en/applications/consumer-electronics/> Consumers create, access and distribute enormous quantities of rich multimedia every day and expect to stream and enjoy that ...

Hidden Tricks Inside Windows 10, Even if you think you know it all, you don't. Evan Dashevsky

May 26, 2017 2:35PM EST <https://www.pcmag.com/feature/347136/hidden-tricks-inside-windows-10>

<http://www.the-tug.org/> <http://www.the-tug.org/01-2017.pdf> to <http://www.the-tug.org/07-2017.pdf>

Top US websites, adult info, do not use under age 18 <http://www.alexa.com/topsites/countries/US>

Alexa.com YouTube <https://www.google.com/search?q=alexa.com+youtube&ie=utf-8&oe=utf-8#q=alexa.com+youtube&tbm=vid> or <http://tinyurl.com/m7y6jtb> DY: Alexa is an Amazon company.

“SLO Bytes, PUSH Archives <http://slobytes.org/push/index.htm> (12 years of articles! Massive! DY)

These articles have been provided to APCUG by the author solely for publication by APCUG member groups.

The PUSH articles are identified by the month in which they were placed on the SLO Bytes web site, not by the month when APCUG made them available for publication.

Click here to see a condensed index of PUSH articles by year and month or use the search engine to find APCUG PUSH articles on the SLO Bytes site. (DY: Go to above web link for details)

PUSH Articles - January 2017 to SLO Bytes Newsletter - July 2005 - PUSH Articles Index”

12 top tech fields of the future

<http://www.networkworld.com/article/3194710/careers/12-top-tech-fields-of-the-future.html>

<http://www.networkworld.com/article/3196361/security/new-products-of-the-week-5-15-17.html>

<http://www.networkworld.com/article/3197667/mobile-wireless/new-products-of-the-week-5-22-17.html>

How to Set Up TorGuard VPN to Stay Private Online

<https://www.extremetech.com/internet/248319-set-torguard-vpn-stay-private-online>

Protect your online privacy with the 5 best VPNs

<https://www.extremetech.com/internet/244993-protect-online-privacy-five-best-vpns>

Free VPNs <https://www.google.com/search?q=free+VPNs&ie=utf-8&oe=utf-8>
<https://www.pcmag.com/roundup/285788/the-best-free-vpn-services>

How to download videos from YouTube By Ben Patterson PC World | Jul 11, 2017 3:12 AM PT

<http://www.pcworld.com/article/3206687/data-center-cloud/how-to-download-youtube-videos.html>

Hint: It's illegal!!! For Windows and Macs, maybe ok for smartphones

5 Amazing Inventions you MUST See https://www.youtube.com/watch?v=t_Cv8HSgaXg

<https://www.google.com/search?q=5+Amazing+Inventions+you+MUST+See&ie=utf-8&oe=utf-8>

<https://twit.tv/shows/triangulation/episodes/308?autostart=false>

Nick Bilton is the author of American Kingpin, a non-fiction thriller about the hunt for the Silk Road's Dread Pirate Roberts. He talks with Megan Morrone about the sordid history behind the Silk Road, and how it was busted.

<https://www.vanityfair.com/news/2017/04/silk-road-ross-ulbricht-drugs-murder>

Silicon Valley Murder Mystery: How Drugs and Paranoia Doomed Silk Road

Silk Road once reigned as the Internet's premier destination for drug deals and even more illicit fare. But as the Web site became a billion-dollar enterprise, its creator, Ross Ulbricht, went from idealistic to dangerous. An adaptation from Nick Bilton's new book shows how the empire collapsed. <https://www.vanityfair.com/> Compelling stories - DY

<https://www.vanityfair.com/news/2017/07/department-of-energy-risks-michael-lewis>

How Silicon Valley Can Take Down Trump

<https://www.vanityfair.com/news/2017/02/how-silicon-valley-can-take-down-trump>

“Is the Silicon Valley Dynasty Coming to an End? Ethical lapses at some of the tech industry's biggest companies suggest a chilling reality of what really matters in the world's most rollicking economy.

<https://www.vanityfair.com/news/2017/04/is-the-silicon-valley-dynasty-coming-to-an-end>

Then there was Facebook, which held its developer conference while the Facebook Killer was on the loose. As Mat Honan of BuzzFeed put it so eloquently: “People used to talk about Steve Jobs and Apple's reality distortion field. But Facebook, it sometimes feels, exists in a reality hole. The company doesn't distort reality—but it often seems to lack the ability to recognize it.”

<https://www.vanityfair.com/news/2017/07/department-of-energy-risks-michael-lewis>

The one question they asked was ‘Wouldn't you want the guy who grew up wanting to be a weapons scientist?’ Well, actually, no.”

Global Challenges: 12 Risks that threaten human civilisation

[12-Risks-with-infinite-impact.pdf](https://api.globalchallenges.org/static/wp-content/uploads/12-Risks-with-infinite-impact.pdf) from <https://api.globalchallenges.org/static/wp-content/uploads/12-Risks-with-infinite-impact.pdf> 212 pages. (DY: Excellent! Includes Climate Change.)

Carbon Xprize <https://www.google.com/search?q=Carbon+XPrize&ie=utf-8&oe=utf-8>

NRG COSIA Carbon XPRIZE www.xprize.nrg.com/ A \$20 million competition where innovators from around the world reimagine carbon emissions, turning them into valuable products.

<http://www.nrg.com/> <http://advances.sciencemag.org/content/2/7/e1600968>

<https://www.google.com/#q=sadat+archer+carbon>

Can Chemists Turn Pollution into Gold? - Scientific American

<https://www.scientificamerican.com/article/can-chemists-turn-pollution-into-gold/>

Jul 25, 2016 - Archer and his student Wadji Al Sadat built a prototype reactor that combines carbon dioxide with aluminum and oxygen to produce oxalates. Oxalates are used to make acids, rust removers, fabric dyes and other industrial chemicals.

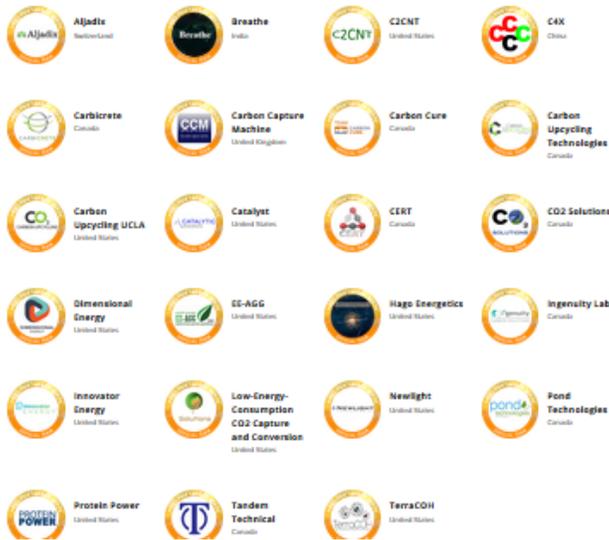
27 Teams Advancing In \$20M NRG COSIA Carbon XPRIZE | NRG ...

<http://carbon.xprize.org/press-release/27-teams-advancing-20m-nrg-cosia-carbon-xprize>

Oct 17, 2016 - Aljadix (Switzerland) – Led by Thomas Digby, the team is producing carbon negative biofuel. ... Carbon Upcycling Technologies (Canada) – Led by Apoorv Sinha, the team is producing graphitic nanoparticles. ... Low-Energy-Consumption CO2 Capture and Conversion (United States) – Led

“MEET THE SEMI-FINALISTS <http://carbon.xprize.org/teams>

We are excited to announce that 23 teams from six countries have moved forward into Round 2 of the competition for the **\$20M NRG COSIA Carbon XPRIZE**. These teams represent an incredible diversity of approaches to turn waste (CO2 emissions) into valuable products such as fish food, fertilizer, carbon nanotubes and building material. They will push the boundaries of CO2 utilization to create breakthrough solutions that will ultimately contribute to the fight against climate change.”



Total Solar Eclipse 2017: When, Where and How to See ... - Space.com <https://www.space.com/>



Total Solar Eclipse 2017: When, Where and How to See ... - Space.com

<https://www.space.com/33797-total-solar-eclipse-2017-guide.html>

6 days ago - On Aug. 21, 2017, a total solar eclipse will darken the skies from Oregon to South Carolina. Here's what you need to know about this rare ...

How to View a Solar Eclipse Without Damaging Your Eyes

<https://www.space.com/35555-total-solar-eclipse-safety-tips.html>

Tucson astronomers, students readying for August's solar eclipse

http://tucson.com/news/science/tucson-astronomers-students-readying-for-august-s-solar-eclipse/article_c6929b02-66dc-58b2-818c-8758b31d939d.html

2017 total solar eclipse National Parks tour - Astro Trails <https://www.astro-trails.com/us-national-parks>

Solar eclipse tour visiting Yellowstone, Bryce Canyon, Grand Canyon, Meteor Crater and Kitt Peak Observatory.

Kitt Peak National Observatory Visitor Center <https://www.noao.edu/kpvc/>

ARE YOU PREPARED FOR THE COMING SOLAR ECLIPSE OF 2017? Participate in one of our solar eclipse preparation classes on Kitt Peak. For quick access ...

Citizen Science for the Great American Solar Eclipse

By: The Editors of Sky & Telescope | February 29, 2016

<http://www.skyandtelescope.com/get-involved/pro-am-collaboration/citizen-science-great-american-solar-eclipse/>

Experience the total solar eclipse with real astronomers from Lowell Observatory in Madras, Oregon - the best place to view the eclipse.

Total Solar Eclipse -- July 11, 1991 <https://www.youtube.com/watch?v=7XhpToLX6KQ>

Best solar eclipses <https://www.google.com/search?q=best+solar+eclipse+videos&ie=utf-8&oe=utf-8>

Welder's glass. Be sure it is #14 or darker. The great thing about welder's glass is that it allows you to view the eclipse directly. Plus welder's glass is a bit more durable than commercial eclipse glasses. If you're like me, you'll forget where you put the commercial eclipse glasses by the next eclipse. With the welder's glass, you can always add it to your rock collection.

<http://photography-on-the.net/forum/showthread.php?t=1186822>

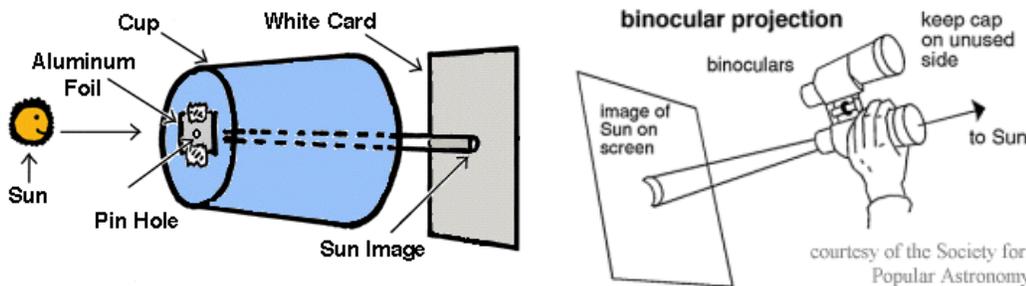
Use a very low ISO number - perhaps 200 if possible

You would be at f/16 or f/22 with a ND filter (or the crossed polarizers) while using Live View, not the undiminished light coming thru a magnifying glass concentrated to one sq. mm. area.

How to Photograph a Solar Eclipse

<https://www.bhphotovideo.com/explora/photography/tips-and-solutions/how-photograph-solar-eclipse?Bl=572&kw=&c3api=0980%2C106232511053&qclid=CLqh1P6XqNUCFYJYfgodoywJZw>

How to Make a Pinhole Camera <https://www.jpl.nasa.gov/edu/learn/project/how-to-make-a-pinhole-camera/>
You don't need fancy glasses or equipment to watch one of the sky's most awesome shows: a solar eclipse. With just a few simple supplies, you can make a pinhole camera that lets you watch a solar eclipse safely and easily from anywhere.



How to Take Pinhole Photos with a Digital Camera - Don't use this for a solar eclipse

<https://www.howtogeek.com/161794/how-to-take-pinhole-photos-with-a-digital-camera/>

The Procrastinator's Guide to Watching the Solar Eclipse - excellent info!

<https://www.pcmag.com/feature/355285/the-procrastinator-s-guide-to-watching-the-solar-eclipse>

<https://www.arizonahighways.com/blog/eclipse-2017-how-see-it-arizona>

“And you can watch live streams from various places in the path of totality by visiting this NASA website. Eclipse Live Stream <https://eclipse2017.nasa.gov/eclipse-live-stream>”

“<https://eclipse2017.nasa.gov/eclipse-101> Eclipse 101

The last time most Americans experienced a total solar eclipse was 1991. In 2017, an estimated 500 million people will be able to observe the August 21, 2017 total solar eclipse, in partial or total form: 391 million in the U.S., 35 million in Canada, and 119 million in Mexico (plus Central America and parts of South America and northwestern Europe). This is a golden opportunity to observe one of nature's most exciting splendors and to engage and educate diverse audiences in the U.S. and internationally, using a backdrop of this amazing celestial event coupled with NASA unique assets.

Already there is great excitement and planning underway for the eclipse. A quick Google search on “eclipse 2017”, for example, yielded over 35 million hits! Numerous planning meetings are now being held within universities, K-12 institutions, museums, civic groups, and amateur astronomy clubs

around the nation and abroad. Where will you be on August 21, 2017? What will you be doing for the eclipse? This website has many suggestions for safe eclipse viewing, eclipse parties, activities, and experiments you can do.”

Eclipse videos youtube

<https://www.google.com/search?q=Eclipse+videos+youtube&ie=utf-8&oe=utf-8>

The U.S. will see an amazing total solar eclipse in 2017

<https://www.youtube.com/watch?v=-SuWPYva0Sc>

Why a total solar eclipse is such a big deal

<https://www.youtube.com/watch?v=oNH3akWXaV8>

Hayden Special Event: Total Solar Eclipse

<http://www.amnh.org/learn-teach/adults/hayden-planetarium-programs/hayden-special-event-total-solar-eclipse> ... Center for Earth and Space for NASA's live broadcast of the Total Solar Eclipse and ...

Caltech eclipse <https://www.google.com/search?q=caltech+eclipse&ie=utf-8&oe=utf-8>

Total Solar Eclipse 2017 | MIT Alumni Association's Infinite Connection

<https://alum.mit.edu/travel/solar-eclipse> Here are some eclipse observing tips from MIT Professor of Planetary Sciences Richard P. Binzel eclipse enthusiast

<https://www.google.com/search?q=kc+mo+solar+eclipse&ie=utf-8&oe=utf-8>

American Astronomical Society <https://eclipse.aas.org/>

Total Solar Eclipse 2017 - National Geographic

<http://www.nationalgeographic.com/science/total-solar-eclipse-2017/>

The August eclipse will be the first to go coast to coast across the U.S. since 1918, offering viewing opportunities for millions of people.

How to Photograph a Solar Eclipse It's time to gear up for the solar eclipse. The path of totality will cross the entire North American continent on August 21, 2017.

<http://www.nationalgeographic.com/photography/proof/2017/07/how-to-photograph-solar-eclipse/>

<http://www.stanhonda.com/> National Geographic Photographer

<https://eclipse.gsfc.nasa.gov/SEgoogle/SEgoogle2001/SE2017Aug21Tgoogle.html>

<https://eclipse2017.nasa.gov/eclipse-maps> EXCELLENT MAPS!

How to Make a Solar Eclipse Viewer <http://go.boyslife.org/eclipse>

<https://www.youtube.com/watch?v=8oDqUCTIPA4&feature=youtu.be>





“Internet Security Gibson Research, Episode #622
Aug 1st 2017 <https://www.grc.com/securitynow.htm>
Security Now 622 Hack the Vote Hosted by Steve Gibson,
Leo Laporte <https://www.grc.com/sn/sn-622-notes.pdf>
DEF CON Antics, Facebook Kills AI
Records live every Tuesday at 4:30pm Eastern /
1:30pm Pacific / 20:30 UTC.
<https://twit.tv/shows/security-now/episodes/622?autostart=false>”

“This week we look at the expected DEF CON fallout including the hacking of US election voting machines, Microsoft's enhanced bug bounty program, the wormification of the Broadcom WiFi firmware flaw, the worries when autonomous AI agents begin speaking in their own language which we cannot understand, Apple's pulling VPN clients from its Chinese app store, a follow-up on iRobot's floor plan mapping intentions, some new on the Chrome browser front, the 18th Vault-7 Wikileaks dump, and some closing-the-loop feedback from our terrific podcast followers.” \$250,000 Microsoft bug bounty program maximum, \$500 is lowest. DY

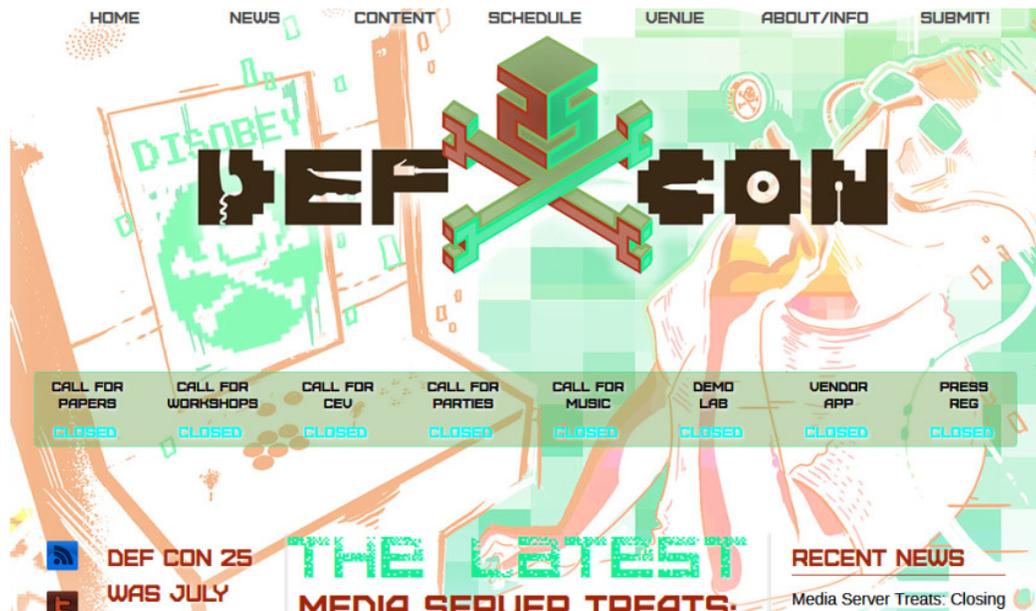
Microsoft Bounty Programs - TechNet <https://technet.microsoft.com/en-us/library/dn425036.aspx>
These bounty programs help Microsoft harness the collective intelligence and ... NET Core Bug Bounty Program, September 1, 2016, Ongoing, Vulnerability ...

Google Chrome version history https://en.wikipedia.org/wiki/Google_Chrome_version_history
Chrome Releases <https://chromereleases.googleblog.com/2017/07/stable-channel-update-for-desktop.html> <https://www.grc.com/sn/sn-622-notes.pdf>

DEF CON® 25 Hacking Conference

<https://www.defcon.org/html/defcon-25/dc-25-index.html>

The home of all things DEF CON 25, taking place July 27-30, 2017 at Caesars Palace ...



(Apology to DEF CON - I reversed all colors above to reduce our laser printer toner usage. DY_

["Google's Chrome browser to begin tightening the screws on embedded iFrames](#)

iFrame is short for "Inline Frame" - essentially a web page inside a web page... and this is a VERY POWERFUL capability since it allows one website's page to transparently host any other within itself. Consequently, and not surprisingly, iFrames have historically been an outsized vector for malware and browser exploitation. Therefore, beginning with Chrome 63, which is expected near the end of this (2017) year, iFrames will be restricted in what they may contain, with restricted permissions needing to be explicitly allowed: An "Allow" term will be added that can contain any of the following values:

Geolocation	microphone	camera
Speakers	midi	encrypted-media

Those features will be denied by default, and the embedding page will need to explicitly enable each feature subset which it wishes to allow the contained content to access."



"Aug 2nd 2017

[Windows Weekly 529](#)

[Things to do While You're Eating Ham](#)

Hosted by Leo Laporte, Mary Jo Foley, Paul Thurrott

Win10 Creators Update Now Available*

Records live every Wednesday at 2:00pm Eastern /

11:00am Pacific/ 18:00 UTC."

["https://twit.tv/shows/windows-weekly/episodes/529?autostart=false](https://twit.tv/shows/windows-weekly/episodes/529?autostart=false)

Windows 10 Creators Update now "fully available," whatever that means. Windows 10 will get eye-tracking functionality. But is this for the Fall Creators Update? Later? Line up for your Mixed Reality Headset! (Some) Windows 10 S PCs for education are now available; and Windows 10 S is downloadable now for testing. Windows Subsystem for Linux is out of beta.

Surface Plus brings smartphone-like financing to people and businesses. You can now order new Surface Pen in the new colors.

Microsoft 365 Business goes live in preview. Azure will become an "AI cloud." Amazon may be ready to take on Microsoft in a new business.

Skype users on iPhone, Android phones now can send money directly via Skype using PayPal.

Microsoft delivers smaller Xbox wireless adapter for Windows, new controllers. Taco Bell renews its partnership with Xbox.

Microsoft's first Windows Hello peripheral is now available. Microsoft kills WordFlow, will focus on SwiftKey.

Tip of the week: Games with Gold App pick of the week: Minecraft with cross-platform play

Enterprise pick of the week: Dynamics 365 for Talent

Codename pick of the week: Threshold Beer Pick of the Week: Kiwi's Playhouse

Download or subscribe to this show at <https://twit.tv/shows/windows-weekly>

Paul's blog at <https://www.thurrott.com/> Mary Jo's blog at <http://www.zdnet.com/blog/microsoft/>"



29 of 61 "[Landscape: Honorable Mention](#)

This image was taking in Lower Antelope Canyon near Page, AZ. It is a beautiful slot canyon that is unfortunately over-run with tourists. It was hard to get clean shots, so I pointed my camera directly upward and captured the walls of the slot canyon with the blue sky peaking through above. I like this image because I think it captures the feeling of being there, the beautiful light and the feeling of being deep beneath the earth. .Kathryn Wallace Yeaton”

<http://www.popphoto.com/2016-annual-readers-contest-winners-and-finalists#page-31>

<http://www.popphoto.com/sony-claims-worlds-fastest-sd-card-at-299-mb-s-write-speed>

<http://www.popphoto.com/new-digital-posters-trace-history-pentax-cameras>

Google: [top photography magazines](#), or [best photography magazines for beginners](#), or [video photographer magazines](#) .

[“Is engineering and technology photography’s next frontier?”](#)

<http://www.bjp-online.com/2017/07/a-portrait-of-the-machines-that-keep-us-alive/>

A bedside vigil for his baby son at a neonatal intensive care unit inspired Reiner Riedler’s series WILL: The Lifesaving Machines. Sitting in that darkened space, watching his tiny boy being cared for by high tech medical equipment to a soothing soundtrack of gentle beeps, the Austrian photographer felt grateful for these remarkable machines.



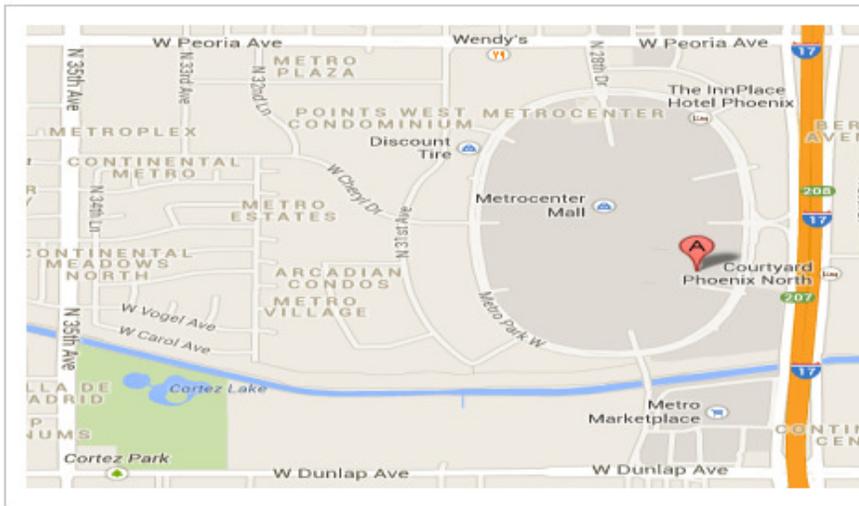
Baby son



Fashion photo

<http://photographyheat.com/> <http://photographyheat.com/modern-fashion-photography-by-elizaveta-porodina/>

HOW TO GET THERE - MAPS TO MEETINGS



West-Side-Meeting

CollegeAmerica

www.collegeamerica.edu/phoenix

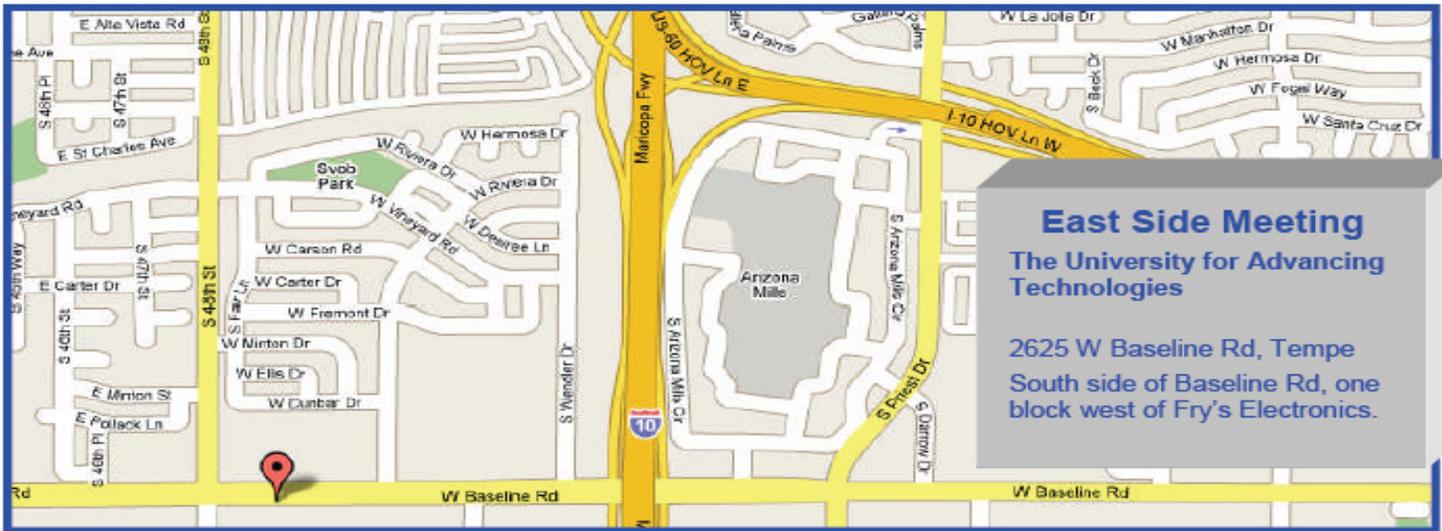
9801 N Metro Parkway East

Phoenix, AZ 85051

Phone: (602) 257-7522

Google map error, "the red A" is actually east side of Metro Parkway

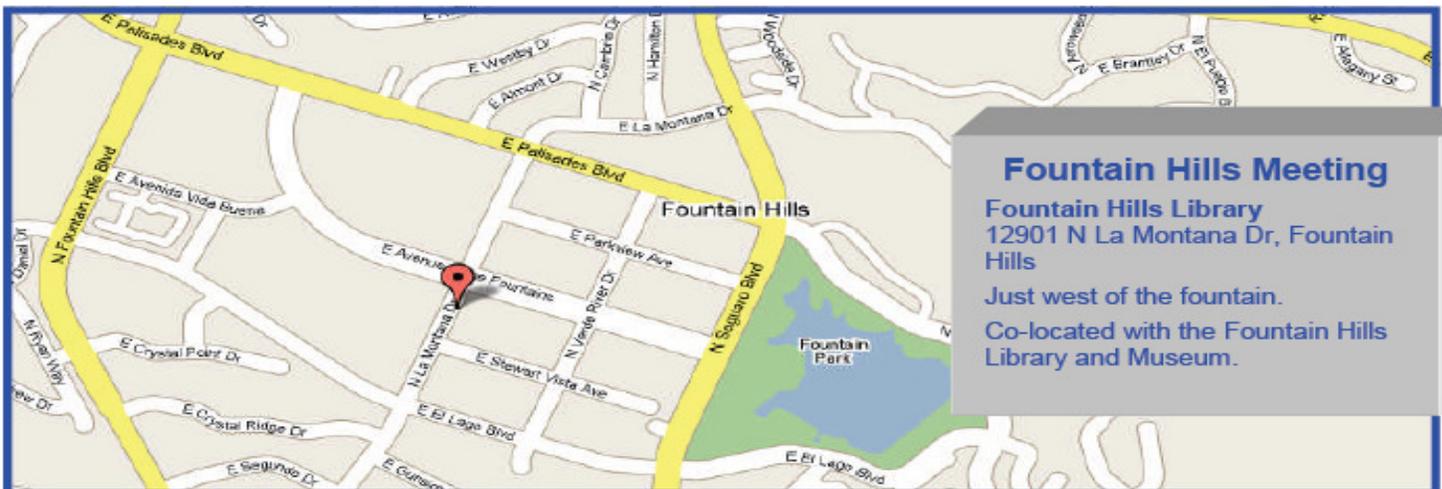
Exit Peoria Ave west, past I-17, turn first left, go south on the frontage road, turn right at the first driveway past Cheryl Drive, CollegeAmerica is the white building on your right (north). North of Castles & Coasters amusement park.



East Side Meeting

The University for Advancing Technologies

2625 W Baseline Rd, Tempe
South side of Baseline Rd, one block west of Fry's Electronics.



Fountain Hills Meeting

Fountain Hills Library
12901 N La Montana Dr, Fountain Hills

Just west of the fountain.

Co-located with the Fountain Hills Library and Museum.

(DY: Read our previous newsletters for more info!!!)

MEMBERSHIP DUES

The Official Policy of the Phoenix PC Users Group is that we do not condone software piracy in any form.

*2017 DUES \$36, prorated
Example - \$9 for 3 months*

Phoenix PC Users Group Membership Application

First: (Print Legibly) _____ Initial: _____

Last: _____

Address: _____

City, State: _____ Zip Code: _____

Home or Cell Phone: _____ Work Phone: _____ Ext: _____

Please note: We **DO-NOT** share phone numbers outside the club, and will generally only use your phone information, if we cannot contact you in a timely fashion, via email, or the club website.

Receive Electronic PDF newsletter in place of a printed one: Yes _____ No _____

E-mail address: _____
(Print Legibly)

Signature _____

Date _____/_____/_____

Release my address to vendors ? Yes _____ No _____ Note: Phone numbers will not be listed.

May the club share your e-mail address with other members only? Yes _____ No _____

With club approved vendors? Yes _____ No _____

Mail this completed form with payment to:

**Phoenix PC Users Group
PO Box 45451
Phoenix, AZ 85064-5451**



*The Best Accessory
for your PC!*

APCUG2.ORG and AZACC.com member.

Our Web address: www.phoenixpcug.org also see www.phoenixpcug.org/newsletters

The Newsletter of the Phoenix Personal Computer Users Group
"Users helping users to understand computers".

PHOENIX PC USERS GROUP
PO Box 45451
PHOENIX, AZ 85064—5451

STAMP

PLEASE NOTE - OUR NEW ADDRESS