COMPUTER USERS OF ERIE

CUE Newsletter – March 2021 (Volume 38 Number 3)

EQUATION FOR LUCK

$$r = \sin(2\theta) + \tfrac{1}{4}\sin(6\theta)$$
$$x = r\cos(\theta)$$
$$y = r\sin(\theta)$$
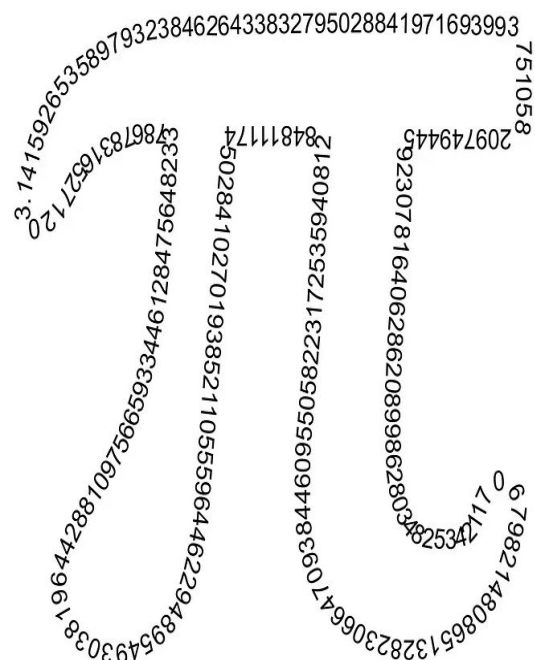
March CUE Meeting

The next CUE members' meeting is on Thursday March 18th at 7:00 PM, by a Zoom link in your email. Judy Taylour plans to speak about Tech Skills for an Easier and Safer Computing Experience.

Visit the CUE Website at:

www.cuerie.com

CUE is a member of APCUG

Member of

apcug An International **Association of Technology & Computer User Groups**

CUE Calendar

Calendar events are subject to change. SIG stands for Special Interest Group.
(look for notices outside of the newsletter for delays or special news on meetings)

CUE Membership Meetings (typically 3rd Thursday of each month)
    Thursday March 18th at 7 PM
    Thursday April 15th at 7 PM

Beginner's User Group (BUG) SIG Meetings
    To Be Scheduled Upon Request

Digital Photo SIG Meetings (typically 1st Saturday of each month except June/July/August)
    Saturday March 6th at 9:30 AM
    Saturday April 3rd at 9:30 AM

Genealogy SIG Meetings (typically 1st Tuesday of each month)
    Tuesday March 2nd at 7 PM
    Tuesday April 6th at 7 PM

MAC SIG Meetings (typically 2nd Saturday of each month except June/July/August)
    Saturday March 13th at 9:30 AM
    Saturday April 10th at 9:30 AM

Smartphone & Tablet SIG Meetings (typically 4th Monday of each month) (RSVP John Fair)
    Monday March 22nd at 7 PM
    Monday April 26th at 7 PM

Windows SIG Meetings (typically 2nd Saturday of each month except June/July/August)
    Saturday March 13th at 1 PM
    Saturday April 10th at 1 PM

CUE Directory Corrections

Get out a pen so you can mark your copy of the CUE Directory, that you recently received in the mail, for the following corrections:

Anne Rosthauser's correct email address is: RosthauserAnne@gmail.com

Liz Wisniewski's correct address is: 5107 Grubb Road, Erie PA 16506

Thanks to Anne and Liz for allowing the updates to be shown in this newsletter.

CUE March Meeting

Speaker: *Judy Taylour*, is a devotee of lifelong learning; serves the Santa Clarita Computer Club in California as its President, Newsletter Editor and Webmaster; has taught adult education computer classes through her local high school for over two decades; serves APCUG as Regional Advisor to three states in the West Coast as well as Australia and Canada; facilitates the quarterly APCUG Virtual Technology Conferences and Speakers Bureau.

Program: *Tech Skills for an Easier and Safer Computing Experience* No matter how savvy you are, there are certain things every one of us must deal with when using a computer -- and we don't always deal with them in the most efficient ways. Here are a few tech skills that everyone can (and should) learn to keep their computer fast, safe and easy-to-use.

MacBookPro 2015 –update-

By Lou Cioccio at Computer Users of Erie

As many of you know I was able to put together the bottom half of 2015 MacBook Pro and mate it with a pristine Retina display. Moving forward, I wanted to add a docking station to the laptop and did find one at Amazon Warehouse, a slightly used one from the warehouse, that was some $60 less than the $199 they had for sale.

LandingZone Dock 15" Secure Docking Station for MacBook Pro with Retina Display Model A1398 Released 2012 to 2015:

This is looking from the rear of the laptop. You gain some extra ports and it needs a power supply for the USB 3.0 ports, if you tend to charge your iPhone. Please note that the max amp is 0.9 mA, so it's not a fast charger! It has an ether port but it did not work. So I had to do a little homework on WHY?

The people that made the LandingZone also made a newer one for the 2016 and above MacBook Pro's but used a different chip. Now I was using a Thunderbolt to ethernet adaptor and I hate dongles hanging about!!!

Sure enough, in Big Sur Beta of the Mac OS X, it did not recognize it. It is one of the things I learned on using computers from my old CoCo II running MicroWare OS/9.

(Not to be confused with Mac OS 9) which was a poor man's UNIX. You become familiar with CLI (Command Line) using the terminal screen.

So now on the search for a driver and how to install the driver. The Mac OS has a security feature that is built in the system called SIP which is the acronym of System Integrity Protection. Remember Apple likes a closed garden but there are ways around it. So as my detective work led me to the Apple Developer site, I read all the hub bub about this not working and how to get it to work.

Being the king or hanging Gerunds and dangling Participles! I can at least read!! So I followed the 4 pages till success came about. Now the ethernet port is actually a USB to ether port but you need the right Kext file and permissions to allow it to load. Here is the solution I used and I thank the fellow!

****
Hi,

You need check developer ID
(An example based on ASIX ELECTRONICS CORPORATION)
 Install driver and check if it exists kext in: /Library/Extensions/AX88179178A.kext

 In terminal: sudo su - (type your password)
In terminal install kext:

/usr/sbin/spctl -a -vv -t install /Library/Extensions/AX88179178A.kext

You see:

/Library/Extensions/AX88179_178A.kext: accepted
source=Notarized Developer ID
origin=Developer ID Application: ASIX ELECTRONICS CORPORATION (5RHFAZ9D4P)

3. Next boot MacBook in recovery mode

4. In Terminal add developer ID:
/usr/sbin/spctl kext-consent add 5RHFAZ9D4P

5. Start MacOs X and accept pop up in system preferences/security and privacy.

6. In terminal check added developer ID:
/usr/sbin/spctl kext-consent list

You see:

Allowed Team Identifiers:
5RHFAZ9D4P

7. In terminal, check driver loaded: kextfind -report -b -loaded |grep com.asix.driver.ax88179-178a

You see:

com.asix.driver.ax88179-178a yes.

—kraczynski—

Basically this is what people use in terminal to get Mac OS X to work on an Intel PC that are called "Hacintoshes" and I did this before.

Now with the next update it might break, so, with fingers, will let you know, as Big Sur 11.3 beta is just around the corner.

Dimensional Pi

By Don Grim at Computer Users of Erie

With Pi Day this month on March 14th, I am getting into a dimensional concentration of π and circles. Here are three interesting statements to start things off (to be explained further below):

Circles don't expand in higher dimensions. They stay well contained compared to squares!

The sum of volumes of all even dimensioned circles "magically" equals e to the π power!

Baseballs are leathery and mathematical!

The fourth dimension can't be seen. We can imagine it and almost see a 4D cube projected on a 3D statue.
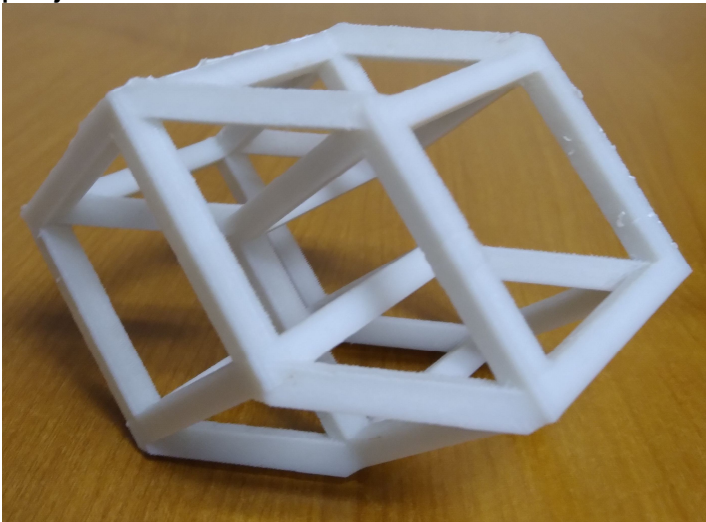
Some will call the fourth dimension as an element of time passing along our 3D world. I wonder if the fourth dimension is the spiritual world. If certain people were living in a 2D world (flat world), they could not see us in the 3D world (blocked world), but we could see them. Perhaps God and angels (spiritual creations) can see us from a 4D world but we can't see them in our 3D world. Perhaps, in the next life, we will be in a 4D world!

Let's look at the maximum traveling distance on squares of various dimensions. For a 2D square (simply called a square), the maximum traveling distance is along the diagonal, which is a hypotenuse with sides 1 and 1 (for a unit square). Using the Pythagorean Theorem, that diagonal distance is radical 2 (1.414213...). For a 3D square (simply called a cube), the maximum traveling distance is along that diagonal, which is a hypotenuse with sides 1 and radical 2. Using the Pythagorean Theorem, that diagonal distance is radical 3 (1.732050…).
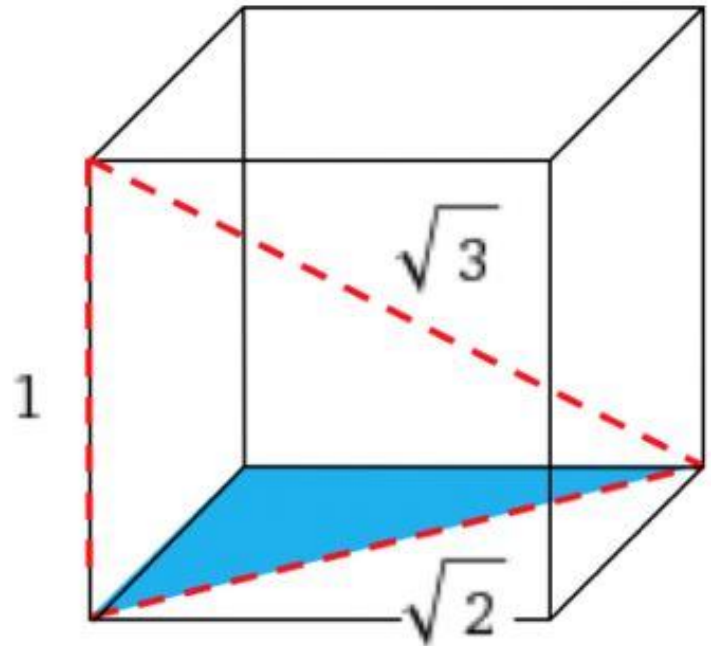
The above pattern continues such that the maximum traveling distance along an N dimensional square is radical N. As an example, a 36 dimensional square would have a maximum traveling distance of radical 36, or 6. Therefore, once you are at the 36th dimension, maximum traveling is 6 times further than back at the 1st dimension.

For circles, the maximum traveling distance does NOT increase. For a 2D circle (simply called a circle), the maximum traveling distance is along the diameter (unit of 1 diameter). For a 3D circle (simply called a sphere), the maximum traveling distance is still along the diameter of 1. Therefore, whether it is a circle at the 36th dimension or a circle at the 1000th dimension, the maximum traveling distance stays the same! That is why I mentioned above that circles don't expand in higher dimensions and they stay well contained!

Because circles don't expand, they look similar in different dimensions. For example, if you try to draw a sphere on paper (3D projected on 2D), it still looks something like a circle. Since pictures show glare on a sphere (like an 8 ball), with shiny rounded glare marks, glare can be drawn on a sphere to make it look distinguishable from a circle. Since squares expand in higher dimensions, they will look different. You can simply draw a cube (3D) on paper (2D) by showing projection lines.
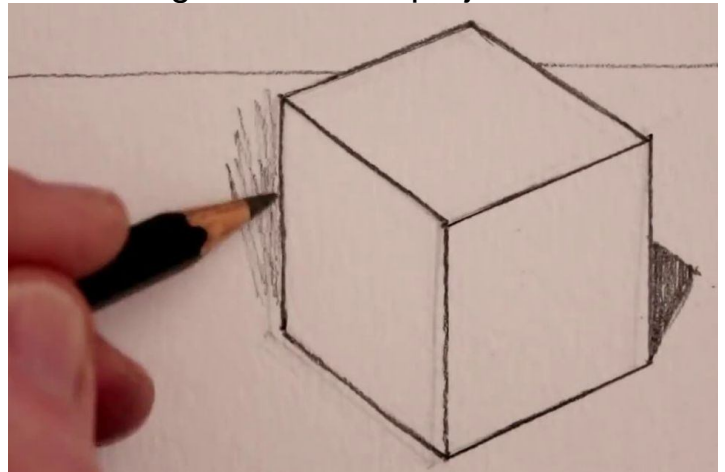
Draw some glare on that sphere!

Cubes expand with projection lines!

Drawing dimensional projection lines!

Let's look at the volume of circles for any dimension. For a regular circle (2D), the volume (called area in 2D) is π R^2 (where R is the radius). For a regular sphere (3D), the volume is 4/3 π R^3. For a 4D sphere, the volume is 1/2 π^2 R^4. For a 5D sphere, the volume is 8/15 π^2 R^5. In case you are wondering, there is a pattern for these formulas. You multiply the volume of a current dimension by 2 π / N (N is the dimension number) to get the volume for the next dimension two steps up (not the next dimension, but the dimension after that). For example, if you look at the 3D formula coefficient of 4/3 π and multiply by 2 π / 5, you get the 5D formula coefficient of 8/15 π^2.

With the above knowledge of the dimensional formulas, let's see what is "magical" about the sum of the even dimensioned volumes! Looking at unit circles with radius of 1, here is the volume of the beginning even dimensioned circles:

The 2D sphere (circle) volume is π which is the same as π^1 / 1!

The 4D sphere volume is π^2 / 2 which is the same as π^2 / 2!

The 6D sphere volume is π^3 / 6 which is the same as π^3 / 3!

The 8D sphere volume is π^4 / 24 which is the same as π^4 / 4!

The 10D sphere volume is π^5 / 120 which is the same as π^5 / 5!

By setting the volume of a 0D sphere with the same formula, at π^0 / 0!, which is 1,

then the sum of all the even dimensioned volumes is:

Sum = π^0/0! + π^1/1! + π^2/2! + π^3/3! + π^4/4! + … = e^π = 23.14069 …

Why does the sum equal e^π or 23.14069…? It is accepted in various mathematical ways, including the Taylor Series.

So, with the above information, we know that the sum of the volumes of all even dimensioned circles "magically" equals e to the π power! I use the word "magically" because, to me, it has more magic than meaning. Can 1 be the volume, above, of a zero dimensional sphere? It is basically a dot with no value. If you were measuring in inches, I guess you could call the volume as 1 zero dimensional inches, which would show no value. So, I can excuse the volume of 1 for the 0D sphere. However, the major loss of meaning is that you are adding "apples and oranges" for the accumulative sum. You are adding inches to square inches to cubic inches to 4th dimensional cubic inches, and so forth. So, it is a nice pretty result of magic more than meaning, to me.

I calculated, and summed, the volumes in Excel up to the 80th dimension. It verifies what was expected (sum of e^π). It also shows the sum of volumes for all dimensions (even and odd) curiously close to 46, at 45.999326… as a total. The volume gets higher up to the 5th dimension, then volumes decrease. So, the 5th dimension has the peak volume number. I wonder if "The 5th Dimension" singing group knew this when they named their group! It kind of makes you want to

sing "up, up and away, with my beautiful dimensions"!

Volumes summed to the 80th Dimension:

Dimension	Volume	Accum Volume	Dimension	Volume	Accum Volume
1	2.000000000000000000	2.000000000000000000	0	1.000000000000000000	1.000000000000000000
3	4.188790204786390000	6.188790204786390000	2	3.141592653589790000	4.141592653589790000
5	5.263789013914320000	11.452579218700700000	4	4.934802200544680000	9.076394854134470000
7	4.724765970331400000	16.177345189032100000	6	5.167712780049970000	14.244107634184400000
9	3.298508902738710000	19.475854091770800000	8	4.058712126416770000	18.302819760601200000
11	1.884103879389900000	21.359957971160700000	10	2.550164039877350000	20.852983800478600000
13	0.910628754783283000	22.270586725944000000	12	1.335262768854590000	22.188246569333100000
15	0.381443280823304000	22.652030006767300000	14	0.599264529320792000	22.787511098653900000
17	0.140981106917139000	22.793011113684400000	16	0.235330630358893000	23.022841729012800000
19	0.046621601030088500	22.839632714714500000	18	0.082145886611128200	23.104987615624000000
21	0.013949150409021000	22.853581865123600000	20	0.025806891390014100	23.130794507014000000
23	0.003810856386852120	22.857392521510400000	22	0.007370430945714350	23.138164937959700000
25	0.000957722408823172	22.858350243919200000	24	0.001929574309403920	23.140094512269100000
27	0.000222872124721274	22.858573116044000000	26	0.000466302805767612	23.140560815074900000
29	0.000048287822738917	22.858621403866700000	28	0.000104638104928460	23.140665453179800000
31	0.000009787139946737	22.858631191006600000	30	0.000021915353447830	23.140687368533200000
33	0.000001863467088226	22.858633054473700000	32	0.000004303069587033	23.140691671602800000
35	0.000000334528829410	22.858633389026000000	34	0.000000795205400147	23.140692466808200000
37	0.000000056808287183	22.858633445810800000	36	0.000000138789524622	23.140692605597700000
39	0.000000009152306501	22.858633454963100000	38	0.000000022948428997	23.140692628546200000
41	0.000000001402564906	22.858633456365600000	40	0.000000003604737307	23.140692631509000000
43	0.000000000204943609	22.858633456570600000	42	0.000000000539266466	23.140692632690200000
45	0.000000000028615526	22.858633456599200000	44	0.000000000077007071	23.140692632767200000
47	0.000000000003825460	22.858633456603000000	46	0.000000000010518471	23.140692632777700000
49	0.000000000000490532	22.858633456603500000	48	0.000000000001376864	23.140692632779100000
51	0.000000000000060433	22.858633456603600000	50	0.000000000000173021	23.140692632779300000
53	0.000000000000007164	22.858633456603600000	52	0.000000000000020906	23.140692632779300000
55	0.000000000000000818	22.858633456603600000	54	0.000000000000002432	23.140692632779300000
57	0.000000000000000090	22.858633456603600000	56	0.000000000000000272	23.140692632779300000
59	0.000000000000000009	22.858633456603600000	58	0.000000000000000029	23.140692632779300000
61	0.000000000000000001	22.858633456603600000	60	0.000000000000000003	23.140692632779300000
63	0.000000000000000000	22.858633456603600000	62	0.000000000000000000	23.140692632779300000
65	0.000000000000000000	22.858633456603600000	64	0.000000000000000000	23.140692632779300000
67	0.000000000000000000	22.858633456603600000	66	0.000000000000000000	23.140692632779300000
69	0.000000000000000000	22.858633456603600000	68	0.000000000000000000	23.140692632779300000
71	0.000000000000000000	22.858633456603600000	70	0.000000000000000000	23.140692632779300000
73	0.000000000000000000	22.858633456603600000	72	0.000000000000000000	23.140692632779300000
75	0.000000000000000000	22.858633456603600000	74	0.000000000000000000	23.140692632779300000
77	0.000000000000000000	22.858633456603600000	76	0.000000000000000000	23.140692632779300000
79	0.000000000000000000	22.858633456603600000	78	0.000000000000000000	23.140692632779300000
81	0.000000000000000000	22.858633456603600000	80	0.000000000000000000	23.140692632779300000

Accum Volume for all dimensions: 45.999326089382900000

I also showed the surface area of spheres up to the 80th dimension in Excel. Surface areas, by dimension, have a similar 2 π / N factor relationship (like with volumes). The surface area is what lies at the outside of the sphere. For example, look at a baseball. It is a sphere with a circumference of 9 inches. The surface area would be the area of the leather that is stitched all along the outside of the baseball. With a 9-inch circumference, the radius is 9/2π, or 1.432 inches. The surface area of a 3D sphere is 4 π R^2, or, for the baseball, 4 π 1.432^2, or 25.77 square inches. So, if you cut out a square of leather at 5.08 inches by 5.08 inches (square root of 25.77), it would be enough leather to cover a baseball. Speaking of leather, baseballs had horsehide leather for over 100 years until 1974 when it changed over to cowhide. I bought a baseball in the early 1970's with Pittsburgh Pirates' signatures stamped on it. It may

not be valuable since it does not have real signatures, but it may be collectible since it has a horsehide cover. As was mentioned earlier, baseballs are leathery and mathematical!

So, you may be asking why the 5th dimension volume has the highest number and then volume numbers get smaller as you increase dimensions past the 5th dimension. Some perplexed people describe it as a "curse of dimensionality", or "a ball shrinking to insignificance, smaller than an atom", or "like a black hole collapsing under its own mass". However, I don't see a problem with it. It helps to remember that volumes of spheres are typically, in the formulas, described in square inches, cubic inches, 4D cubic inches, 5D cubic inches, and so forth. As was mentioned earlier, cubes expand in higher dimensions (traveling distance increases with higher dimensioned cubes). So, describing volumes of spheres in cubic dimensions will reduce the volume number with increased dimension. It would be helpful to show volume formulas of spheres in spherical dimensions rather than cubic dimensions. However, we live in a building block society that builds with right-angled blocks, both out of practicality and comfort.

So, in conclusion, "imagine if you will", a place that you can't see, except in your mind. It may seem to have strange characteristics at first. It is a place of higher dimensions. Don't be scared. You have not crossed over into The Twilight Zone! It's just The Math Zone, which can be assured by mathematical laws! Have a nice Pi Day and a nice forever!

Genealogy Report for 2/2/21 SIG Meeting

The CUE Genealogy SIG organized by Sue Mueller met via Zoom on February 2nd at 7:00 p.m. with fifteen members attending.

After a bit of visiting, the main topic for the evening was death certificates in genealogy research. Conrad Sobczak and Susan Wilber each had an issue with finding death dates for ancestors and Sue discussed a case study where the death information could be determined through second marriages, birth of half-siblings as well as obituaries.

Findagrave.com often has pictures of tomb stones, usually dated. While these don't take the place of a death certificate, they may provide the next clue.

It is often possible to replace missing or damaged gravestones of your ancestors at lower costs by purchasing end cuts of stone from the maker. It doesn't hurt to ask.

Some discussion was had on how people often went by middle names or kept changing their first name until they found one they liked. Sometimes unexpected nicknames were used in the past. For example a person named Jane may go by Jenny.

Sue provided two handouts with information on where to find vital records (marriages, birth and deaths) by state. Thanks Sue!

Our next Genealogy SIG will be held on Tuesday, March 2, 2021 at 7:00 p.m. via Zoom.

Submitted by Connie Edwards

Smartphone & Tablet Report for 2/22/21 SIG Meeting

We started the meeting by revisiting topics from the last three General Meetings: password managers, 5G cellular service performance and streaming. LastPass, the password manager that I use, has been in the news recently and not in a good way. First, the free option is being restricted to one type of device (mobile or computer, pick one type). Synchronizing LastPass across mobile devices and computers will cost $3 a month now. We mentioned two alternatives that are lower cost: Apple Keychain, for those entirely within the Apple ecosystem, comes with the operating system at no cost. BitWarden is a low cost, open source alternative which has been recommended by APCUG speakers. The second bit of LastPass publicity is that the Android version has been found to contain 7 trackers in the code and tech authors are split on whether to recommend LastPass or drop it over security concerns. At this time I will be switching to the paid version of LastPass but evaluating alternatives such as 1Password and BitWarden.

We looked at Speedtest results of a Verizon iPhone 12 Pro Max with 4G LTE and 5G, both at 300 State Street and several days apart. The 4G LTE measured 81.1 Mbps down and 5.5 Mbps up while the 5G measured 67.6 Mbps down and 36.7 Mbps up. Speedtest measurements with the same phone on Route 20 near the airport showed 56.8 Mbps down and 0.66 Mbps up. As we had pointed out previously, 5G for Verizon in most areas is currently similar to, slightly faster or slightly slower than 4G LTE.

I recently cancelled my Dish TV account and now exclusively stream to my TV's,

mobile devices and computers and use the Spectrum app for local channels. There is no cable box, but there is no DVR either. I tried to demonstrate the app by sharing the screen on my iPhone, but the content was restricted and not viewable when mirroring the phone to the shared screen in Zoom. Not sure what was going on there.

We touched on a few interesting items in the miscellaneous category. The blue dot that sometimes appears next to an app icon shows that the app has been updated since it was last opened. Open the app and the blue dot disappears until next time it is updated. Touch ID is very unreliable in the winter as dried and roughened skin results in slight changes to the fingerprint ridges and skin conductivity. The only fix I could find is to record a new set of "winter fingerprints" in your device. This is another reason I love Face ID (except when it fails to identify me when wearing a mask). The next iOS update seeks to solve the mask problem, but only if the user has an Apple watch.

My wife often leads me into new technologies. She's the one who first wanted a smartphone and this Christmas she wanted a set of AirPods. After setting up these wireless headphones for her, I just had to have a pair! I shared with the group my delight in the elegant Apple design of the somewhat strange looking white things that now often dangle from my ears. We mentioned the 5 hour device battery life and the additional 24 hours of battery in the charging case. Connection is a breeze since, once bluetooth-paired with my phone, I could easily connect to any device using the same Apple ID

including the iPhone, iPad, Mac and Apple TV. Microphones are built-in so you can participate in Zoom meetings answer phone calls and use "Hey Siri" to send texts, make phone calls, check the weather, etc.

I had very seldom used my mobile devices to listen to music or podcasts but the really high quality sound from the AirPods led me to look for sources beyond iHeart Radio and Pandora. I had been receiving (and ignoring) emails from Sirius XM which promoted using their app to extend the use of my subscription. Since I have Sirius XM in my car, I could listen to it via a mobile app for no additional cost. That opened up a whole new experience. I also stumbled across a neat free app called Radio Garden which brings global radio stations

to your computer or mobile device. The home screen of the app looks somewhat like Google Earth with white dots on the surface of the globe corresponding to radio stations streaming from anywhere in the world. Navigate the globe and click on the dot of your choice to listen to Beatles Radio from Liverpool in the UK, satisfy your need for Australian dialect by picking a station in Melbourne or brush up on your Italian by listening to Vatican radio from Rome.

Next month we will return to focusing more on iPhones and iPads and their operating systems. We will meet virtually at 7 PM on March 22 and all CUE members are invited.

John Fair

Radio Garden App allows you to listen to thousands of live radio stations world wide by rotating the globe.

Secretary's Report for 2/18/21 CUE Meeting

The members of Computer Users Of Erie (CUE) met remotely on the web with a Zoom video conferencing link.

There were 25 people in attendance. Their names on screen were names they chose as login names. Their names on screen were Susan Mueller, Paul Francis, Don Rhodes, Lee Williams, Rob Truman, anne rosthauser, John Fair, Kim Conti, Edward W. Group, Judy's iPad, Carol Korn, Hal Kelley, Nancy Group, Tim Donlin, Bob & Joanne, Beverly, Conrad, elizabeth wisniewski, Jodi Sc, Janice Castro, Larry Johnson, Sam Fletcher, Pat Mickel, Samuel Simpson, and DonWithGalaxy.

Rob Truman introduced himself and gave some background information about himself. Rob gave a presentation, starting at about 7:04 PM, on "Cutting The Cord". He explained many different TV packages, like TV on the Internet instead of cable, TV over the air with an antenna for local stations, and streaming services (like Hulu, Net Flix, etc.). He mentioned that Sling and FuboTV help with sports shows. Rob mentioned the justwatch.com website which will tell you what services have a TV show or movie. It was mentioned that locast.org will pull in free local channels by streaming and that Roku will provide locast.org on its menu. For more information, you can go to Rob's website at http://geezertekaz.com.

There was a questions and answers session from about 7:51 to 8:09 PM. Some additional information from that is Spectrum has an option to stream Cable TV through the internet rather than through a cable. The antennaweb.org website will tell you what local TV stations can be reached near you.

Paul Francis started the CUE meeting at about 8:10 PM. New people were recognized. The latest minutes from the newsletter were accepted, with first and second motions by Lee Williams and Hal Kelley.

Treasurer Janice Castro gave a report on the CUE treasury with a current balance of $3,704.79. A recent bill was for $47.67 for 3 months of Zoom service.

John Fair talked about the Smartphone & Tablet Special Interest Group. He mentioned that options have changed on the LastPass password manager. There was also discussion in the latest SIG meeting on 14.4 ios update patch vulnerabilities, widgets, phone with free ID, iPhone 12 can be a risk for those who have a pacemaker, iPhone don't carry viruses, and apps to avoid.

Sue Mueller spoke on the Genealogy Special Interest Group. The findagrave.com website and death records were discussed at the latest SIG meeting.

Paul had 3 on the nominating committee and asked for a 4th person. Hal Kelley volunteered to be on the nominating committee for planning for the upcoming CUE election. There are positions open and voting is in April.

John Fair mentioned that Judy Taylour will be the speaker at the March meeting.

There was a motion to close the meeting with first and second motions from Don

Rhodes and Janice Castro. The meeting closed at about 8:22 PM.

Respectfully Submitted,
Don Grim, Secretary

A Note from the Editor

As usual, feel free to contribute information for the CUE newsletter. Whether it is small, large, an article, a tip, information, or pictures, you can send it to me and I will plan to include it in the newsletter. You can reach me at grimcyber@yahoo.com.

Remember that you can find recent news at the CUE website (cuerie.com). At times, the website will have more recent news than the CUE newsletter since the website is updated continuously and the newsletter is updated monthly.

Stay Safe!

Editorially Speaking, Don Grim

COMPUTER USERS OF ERIE

MEMBERSHIP APPLICATION

Today's Date_____

Last Name	First Name
Address	
City, State	Zip
Home Phone	Cell Phone
Your Email	

The yearly dues are payable in August of each year. The dues are $24 annual.

For NEW members only, when you join outside the annual cycle your initial dues are based upon the month you join. Follow the schedule below.

August $24	September $22	October $20	November $18
December $16	January $14	February $12	March $10
April $8	May $6	June $4	July $2

Information provided on this form will be placed into a CUE Membership Directory

What is your Computer or Device: (Circle)
Windows   Mac   Android   iPhone   iPad   Tablet   Linux   Other

Send your completed application to:

Computer Users of Erie

PO BOX 8941

Erie, Pa 16505-0941

What is you level of expertise? (Circle)
Novice   I know some   I want to learn more   Expert   Geek

What do you wish to gain by joining Computer Users of Erie?

Student membership is just $15 per year (provide proof of student status)

CUE Officer Information

Officers

President	Paul Francis	pdfflyer@roadrunner.com	814-882-1175
Vice President	John Fair	johncfair@gmail.com	814-474-3055
Secretary	Don Grim	grimcyber@yahoo.com	814-461-8289
Treasurer	Janice Castro	jcastrocue@outlook.com	312-543-9128

At-Large Board

Hal Kelley	hal_kelley@outlook.com	814-836-1803
Suzanne Matthews	pdxmatthews@aol.com	814-790-4185
Susan Mueller	suepasta@roadrunner.com	814-622-1262
David Runser	ml350djr@gmail.com	814-873-1740
Conrad Sobczak	hatsob@verizon.net	814-899-9699

Alternate At-Large Board

Lou Cioccio	lcioccio@mac.com	814-868-1320
Marsha Keller	dekmak43@gmail.com	814-449-4682

Special Interest Groups

Beginner's (BUG)	Lou Cioccio	lcioccio@mac.com	814-868-1320
Digital Photo	Lou Cioccio	lcioccio@mac.com	814-868-1320
Genealogy	Susan Mueller	suepasta@roadrunner.com	814-622-1262
MAC	Lou Cioccio	lcioccio@mac.com	814-868-1320
Smartphone & Tablet	John Fair	johncfair@gmail.com	814-474-3055
Windows	Lou Cioccio	lcioccio@mac.com	814-868-1320

Other Resources:

|			
CUE Historian	Tom Kuklinski	tkuklinski@gmail.com	814-746-9165
DOS Information	Don Grim	grimcyber@yahoo.com	814-461-8289
Editor	Don Grim	grimcyber@yahoo.com	814-461-8289
Librarian	Tanya Mattson	449tlm@gmail.com	814-833-1404
Membership Chair	John Fair	johncfair@gmail.com	814-474-3055
Webmaster	Tom Kuklinski	tkuklinski@gmail.com	814-746-9165

CUE Disclaimer

Directions to Wayside Presbyterian Church for CUE Meetings

Wayside Presbyterian Church, at 1208 Asbury Road, is approximately three blocks north of the intersection of Asbury Road and Route 5. This intersection is at the northwest corner of the Erie International Airport property. Following Asbury, turn left at the first marked driveway for the church. During the afternoon winter schedule (10:00 AM for the months of November, January, February and March), entry is through the two sets of blue double doors. Use the buzzer to gain entry if the doors are locked. During the normal evening schedule (7:00 PM the remaining months) use the double doors on the south side of the Christian Education wing. Signs are posted in the building to direct you to the meeting room.

From West of Erie International Airport: Follow Route 5 to the intersection of Asbury and Route 5. Turn hard left onto Asbury Road. Look for the church on the left approximately 3 blocks north of the intersection.

From South of Erie: Take Interstate 79 north to the 26th Street (Route 20) Exit. Bear left onto 26th Street (Route 20) west. Follow Route 20 about 3.4 miles west to Asbury Road. Turn right (at the Sheetz Gas Station) onto Asbury and follow it straight across Route 5. Look for the church on the left approximately 3 blocks north of the intersection.

From East of Erie International Airport: Follow 26th Street (Route 20) west to Asbury Road. Turn right onto Asbury and follow it straight across Route 5. Look for the church on the left approximately 3 blocks north of the intersection. OR, follow 12th Street (Route 5) west past the airport to Asbury Road. Turn right onto Asbury Road. Look for the church on the left approximately 3 blocks north of the intersection.
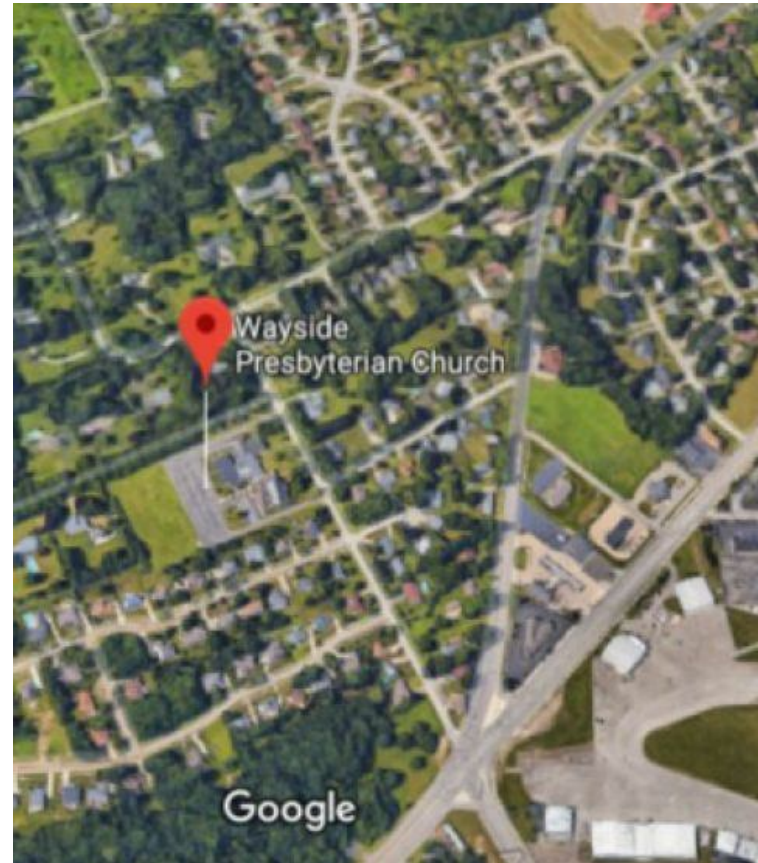
About the Newsletter

The CUE Newsletter is published monthly by the Computer Users of Erie (CUE), an independent nonprofit computer user group, dedicated to the education and support of our members. The opinions expressed herein are those of the individual authors or the editor, and do not necessarily reflect the opinions of CUE. This publication is Copyright © 2018 by the Computer Users of Erie. All rights reserved. Permission to reprint is hereby granted to any Nonprofit Organization, as long as proper credit is given, or not restricted by the original author or source. **Advertising:** Advertising is welcome from both our members and commercial sources. For current advertising rates, please send an email to the Editor requesting a copy of the Ad Rates file. **Address Changes:** Any recipient of the newsletter is urged to submit a change of address notification to the Editor, either via US Mail to the address shown below, or (preferably) via email, so we may keep our records accurate. **Newsletter Exchange:** CUE welcomes newsletters from other user groups. If you would like to exchange newsletters, either by US Mail or via electronic (Internet) delivery, please send your newsletter to the address listed below. We will add your name to our mailing list and send you our newsletter in return. **Submissions:** Submissions are always welcome from our members or outside sources. Submissions may be articles, images, cartoons, etc. For first time authors, please request a copy of our Submissions Guidelines from the Editor, prior to submitting any items. This will help to eliminate publication delays. Submissions are due by the 5th of each month. **Correspondence:** General correspondence to CUE may be sent via US Mail to: Computer Users of Erie, PO Box 8941, Erie, PA 16505-0941 USA. Email to: cuerie@gmail.com. Editor Email to: grimcyber@yahoo.com.

CUE Membership Benefits

As the largest computer users group in northwest Pennsylvania, CUE has served Erie and surrounding communities since 1982. CUE provides a forum for people to learn about computers and have fun doing so. The group meets the third Thursday each month, with the exception of the months of July and December. In July the group gathers for a picnic and December is the annual holiday party (dates vary). CUE meetings are at Wayside Presbyterian Church, 1205 Asbury Road, Erie. Meetings from April through October are at 7:00 p.m. From November through March, the meetings are at 10:00 AM in the morning, except it will stay at 7:00 p.m. during the Caronavirus Pandemic.

Our monthly meetings are open to the public regardless of age or ability. Many of our members are senior citizens who span a wide range of capabilities and interests but share a desire to know more about how to use computer related technology. Our role is to provide a forum for continuous learning from each other. CUE has a closed Google gmail group that is used to communicate with members and to post questions/problems to seek answers from the membership. Members pay an annual membership fee of $24 to receive a membership directory, monthly newsletter, availability to monthly general meetings, and any of the Special Interest Group (SIGs) meetings, usually held in a member's home. Locations and times vary, so check the online EVENTS Calendar on the website for the latest information. SIG topics include:

- Digital photography [and photo safari]
- Genealogy
- Macintosh computers

- Computer troubleshooting
- Beginners users group (BUG)
- Handheld smartphones and tablets

CUE is a member of the Association of Personal Computer User Groups (APCUG). APCUG is an International, platform-independent, volunteer-run, non-profit organization devoted to helping member User Groups offer enhanced services to their members. Some of the membership benefits include:

- Speakers bureau
- Free virtual technology conferences
- Regional conference

- Push newsletter articles
- Discounts and special offers from vendors
- User group newsletters online

Find us online at http://www.cuerie.com/. And Facebook @curerie

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Computer Users of Erie
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Erie, PA 16505-0941

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