



<http://www.saauc.org.au> - <https://www.facebook.com/saauc>

Our next SAAUC (Zoom) meeting is...



Friday November 6th

from 7:30pm

**IoT (Internet of Things) devices and
optimising your NBN connection**

(Details will be sent to members via email)

Location: Connect from wherever you have internet access and the zoom.us app

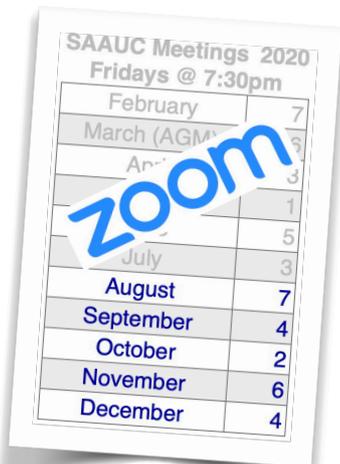
A word from our President...

This year continues to be 'interesting'. There are many other words to choose to describe it - unprecedented, worrying,



disappointing, sad ... all very negative. The challenge is 'to think different' and to consider the possibilities and opportunities which are to be found. It is fortunate that the

pandemic did not occur ten years ago when the internet was still quite limited and mobile phones were quite basic devices and costs quite high. Even though the NBN rollout has not been without some hiccups, it has meant internet speeds to most homes have enabled families to keep in touch around the globe with FaceTime, Skype and Zoom. Social media has boomed as people strive to overcome the social isolation forced on them.



SAAUC Meetings 2020	
Fridays @ 7:30pm	
February	7
March (AGM)	3
April	3
May	1
June	5
July	3
August	7
September	4
October	2
November	6
December	4

We are wanting SAAUC members to take up the opportunities to keep in touch with each other either on the google groups email list or the monthly Zoom meetings.

Details to

access the next Zoom meeting will be emailed before the next meeting on Friday 6th November. At that meeting you will have the opportunity to hear and see Cassandra Norton, representing the NBN, talking about 'IoT (Internet of Things) devices and optimising your NBN connection'.

For those of you who have not joined a Zoom meeting, I encourage you to download the App from <https://zoom.us> and sign up. Zoom can run on a mobile phone or iPad but the better experience is on a Mac. More Zoom details will be sent to the email list. Do join us on Friday - it will be nice to see your face.

Regards

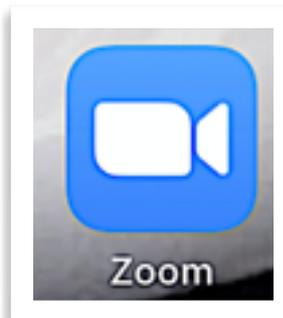
Marie Good

SAAUC President



Zoom Quick Start Notes

Zoom seems to be best for video-conferencing out of Skype, Facetime, Facebook, WhatsApp and Snapchat. Zoom works on just about all operating systems and devices. Regarding installing Zoom on your device. •When you click on the meeting link, Zoom will install



automatically.

Before your first meeting, suggest you consider the following:

- The larger the screen, the better, because you will be able to see everyone at the meeting more easily.

- The built-in camera on your device will probably be good enough for video.
 - **Wait until you get an invitation email to join a meeting.**
- Adjust the angle of your device so that your face is in the middle of the screen.
- Be mindful of the background. Avoid bright light.
- You can choose an alternative background such as the Golden Gate Bridge but the top of your hair may look strange as you move.

Joining a meeting

1. You will get an email inviting you to join.
2. Make a note of the meeting ID and meeting password.
3. Click the link in the email.
4. Zoom will open in your browser.
5. Enter the meeting ID.
6. Enter the meeting password.
7. You may need to click **Join with Video** also **Join with Computer Audio**
8. You should now see yourself large and the others at the meeting in small.
9. If you want everyone to be the same size depends on your device. **On a computer**, choose **Gallery View** on the top right. **On an iPad** etc., tap anywhere and choose the matrix on the top left.
10. To finish, depends on your device. **On a computer**, choose **Leave Meeting** on the bottom right. **On an iPad** etc., tap

anywhere and choose **Leave Meeting** on the top left.



- The internal microphone on your device will probably be good enough.
- **FYI**
- If you want better audio, then consider headphones with a mic such as iPhone earbuds.
- Have pen & paper handy to note the meeting ID and meeting password.
- The host can record the meeting to make it easier to write up meeting notes afterwards.
- Zoom is FREE for JOINING a meeting.
- If you want to host a meeting, it's free for one-to-one. If three or more participants, then the meeting is limited to 40 mins.
- Longer meetings cost A\$20.99 / month for up to 24 hours and up to 100 people.
 - **Cost is paid ONLY by the HOST.**

Michael Cowling

Mike's Musings

There's 5G. And Then There's 5G!

5G, the latest, fifth-generation cellular technology, should make its debut in all models



of the upcoming iPhone 12

“Real Soon Now”. There

are two flavours of it:

mmWave is much faster and can penetrate materials but

only for a quite limited distance; *Sub6GHz* can spread itself more widely but not “penetrate” very far into solid material. Scuttlebutt suggests only the *Pro* models of the iPhone 12 will have *mmWave*; cheaper models would have *Sub6GHz*.

Because of its nature, *mmWave* networks are “ultra-fast but ultra short range”. Its signals are easily blocked by natural materials, doors and walls, and may not carry far away from a 5G *mmWave* tower. So to cover a wide area with *mmWave* well, a cell company would have to install many towers and antennae, likely many on street poles. It is probably best suited to dense urban areas, or places like airports.

By comparison, *Sub6GHz* is slower but has longer range, so its implementation should be more widespread, particularly in suburban and rural areas. It should normally be more affordable for vendors to implement. Over time, the *Sub6GHz* version of 5G should get faster.

Not all vendors will be able to implement a comprehensive 5G network at the beginning. Those who can may cause a “churn” of customers from other companies!

This article, <https://www.macrumors.com/guide/mmwave-vs-sub-6ghz-5g/>, and others, should provide quite a lot of information about 5g.

Latest MS Office Supports Mouse, Trackpad in iPadOS

Apple added trackpad and mouse support to *iPadOS* as of v13.4. Now you can use those peripherals in the latest version of *Microsoft Office*. This article describes in detail the new possible “moves” in *Office*:

<https://www.zdnet.com/article/microsoft-is-rolling-out-ipad-trackpad-support-to-office-apps/>

A Comprehensive Article Explaining Wi-Fi

Here is a longish article that, I hope, will explain what Wi-Fi is all about, if you don't feel too “clued up” about it. It looks at the subject from the perspective of Wi-Fi on Macs, iPhones and iPads.

<https://appleinsider.com/articles/20/09/05/everything-you-need-to-know-about-wi-fi-on-the-mac-iphone-or-ipad>

“Why is the Listen App Signal Later than the Over-the-Air Signal?”

My “motherhood” radio listening here at home is to the local *CBC Radio 1* station. At the breakfast table and at my bedside, I hear it from good old AM radios with a good strong signal. But since they introduced it about eighteen months ago, they are consistently reminding us that we can also hear it via the “*CBC Listen* app”. I have dutifully installed same on my *iDevices*. (Yes, I'm **sure** they copied the name from the A.B.C. 😊!) I also have an “Internet tuner” connected to a small desktop stereo system on my computer in which I have set *CBC Radio 1*, which pulls in its signals from my home Wi-Fi system.

I use all three methods of listening depending on where I am in the house. And reception is perfectly good from each one. But if I happen

to overhear any two systems at the same time, the respective broadcast streams are somewhat out of sync from each other! WTF??

The signal from the AM stations is always “ahead” from either Wi-Fi source, the difference can be between five to ten seconds. I think the signal from an iDevice via the *Listen* app is a small distance ahead of that from the Internet tuner. I guess the reason for the difference in how long the signal takes to travel the “full distance” depends on the path each signal has to take.

Perhaps for a comprehensive comparison, I had better rustle up a crystal set ...

Local Conditions—West Vancouver

There has been plenty of “local colour” on local foliage. This is what my “Shaggy Maple” (Japanese Maple) looks like this autumn:



Cheers,

Mike Millard



SAAUC Meetings are held online using

zoom

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