



Our next SAAUC meeting is...



**Friday September 7th
from 7:30pm**

a "Marie Good" presentation about...

Apple Travels

See location map on the last page

A word from our President...

We are a very mobile society these days and many of us are occasionally or frequently travelling. It seems appropriate that we look at ways of managing to keep an internet connection with our iPhones, iPads and laptops when we leave home for long or short periods. At our September club meeting on Friday 7th we will be looking at the various options available for connecting when traveling. It is a complicated issue so make sure you come to the meeting.



September will bring the release of new Apple hardware. One wonders whether computer engineers can continue to develop new ideas indefinitely. When they do the impossible, we can only admire and be amazed. And so, we wait.

Whilst we wait, remember that the operating systems, iOS and macOS, are usually released just before the hardware releases so, make sure your Macs and devices are all up to date and backed up to be ready for the new systems.

Regards

Marie Good

SAAUC President

...and a word from our Vice President

Kernel Panic!

Recently my MacBook Pro has crashed, and rebooted automatically. A message was displayed for a few seconds prior... *"You need to restart your computer. Hold down the power button until it turns off".*

This happened 3 times in 5 days, until I went looking for a solution. I still don't know why it started crashing all of a sudden, though I must admit, I haven't spent too much time investigating.

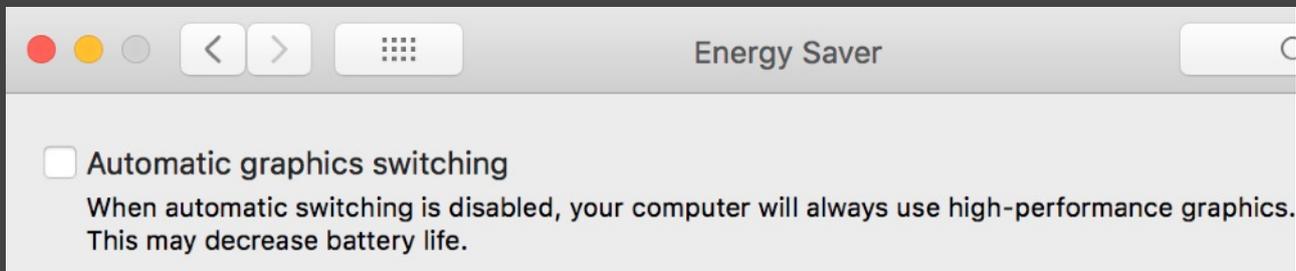
So I opened up the 'Console' app, (found in Applications\Utilities) and searched until I found the error message.



Wed Aug 1 16:14:13 2018
*** Panic Report ***

```
panic(cpu 0 caller 0xfffff7f845d4946): "Unrecoverable firmware error: unexpected panic(cpu 0 caller 0xfffff7f845d4946): "Unrecoverable firmware error: unexpected panic(cpu 0 caller 0xfffff7f845d4946): "Unrecoverable firmware error: unexpected CSB entry. Expected Ctx 0x42ec974 but got 0xc292ed80\n"@/Library/Caches/com.apple.xbs/Sources/GPUDriversIntel/GPUDriversIntel-10.36.19/Common/GLKernel/Intel/skl/sched3/IGGuC.cpp:752
```

So it seemed like an issue related to the graphics (video) card. Further Googling resulted in a suggestion to turn off "Automatic graphics switching".



My MacBook Pro (late 2016) has two graphics cards - *Intel HD Graphics 530* and *AMD Radeon Pro 450*.

After disabling AGS, I haven't had a crash since. 🍌😊🍌 It's not really a solution, but a workaround.

Automatic Graphic Switching is described in the following link: <https://support.apple.com/en-au/HT202043>

Further information about kernel panics can be found at <https://www.lifewire.com/troubleshoot-mac-os-x-kernel-panics-2260849>

Rick Sarkanen

SAAUC Vice President

Mike's Musings

Disposing Of Your Old iDevice? Do It Right!!



Getting rid of your old iDevice or Mac? For your own protection, you need to “wipe” everything off the device ... and there is a right way of doing that.

For iPhones and iPads, this article describes in some detail the right way to do it:

<https://appleinsider.com/articles/18/07/26/wipe-your-iphone-before-selling-it-because-if-you-dont-you-might-get-your-data-stolen>

It also outlines consequences of not clearing your iThing completely.

You need to do the same thing if you are disposing of a Mac. The procedure is simpler but quite different, though, from that for an iDevice. Basically, you have to wipe the internal hard drive completely. You must have an external drive or flash drive with macOS X installed on it to do this.

- Shut down the Mac;
- Plug in the hard drive or USB stick;
- While holding down the *Option* key, power up the Mac.
- Hold down the Option key until you see a display on the screen, then release it;
- The display shows all copies of macOS X the Mac has detected;
- Identify the one on the hard drive/USB stick you want to boot from, click on it;
- Run *Disk Utility*.

The Mac's internal drive may have one or more *volumes* (or *partitions*) on it. Each of these must be "wiped clean". To do this;

- In the left column, click on the name of a volume;
- In the top row menu, click on *Erase*;
- In *Format*, select *Mac OS Extended (Journaled)*;
- Click on *Security Options*;
- Move the slider along from *Fastest* to the first "stop".
- Click on *OK* to begin erasing the volume.
- Find things to do that will take you a while to do, as this "secure erase" will take quite a while ...

Why this last step? Clicking on *Fastest* will "clear" the volume to its space can be over-written, but data in the disc area will **not** actually be wiped. This means someone with the right tools can scan the disc area and pick up data that was there. Choosing the first position of *Security Options* tells Disk Utility to write zeroes over the whole data area, thus wiping out whatever was there before.

Modern Communication

My wife has had to be in hospital recently for an extended period. She does not have a mobile phone, so upon moving into her hospital room she might not have had any means of communication with family. But she did have her laptop with her ...

Luckily, the hospital—not very long ago—installed public Wi-Fi access throughout the wards. They offer two options; "Free—but S-l-o-w" and "Faster—but it costs!". We found that "Free" served perfectly well for emailing and texting (using *Messages* on a Mac), but not quite good enough for viewing YouTube videos! To connect initially, you had to click on an "Accept and Connect" page that came up; about once an hour thereafter, the network would drop out, so you had to "Accept and Connect" again. (No big deal, really.)

My wife said she used the "Faster" option once, to view a video. She chose the shortest option: \$4.00 for four hours—regardless of how much or little time you were actually online! (Hourly rates for longer periods were lower!)

(It was at this time that we discovered how useful texting using *Messages* on our Macs could be. For short messages, it saved the bother of setting up an email. Also, with the way I have my Mac and iPhone set up, texts and emails appear on both at the same time. With my Mac at home, and my iPhone with me when I visited the hospital, I could see the same things on either device.)

Some Less Obvious Features Of Apple Mail

<https://appleinsider.com/articles/18/08/03/exploit-apple-mails-hidden-power-user-features-on-the-mac-with-these-five-tips>

This recent article on the *Appleinsider* website describes some features of Apple's macOS *Mail* app that people may not be aware of. (I was not aware of a couple of them.)

I) *Stop being Interrupted* by Message arrivals:

Apple Mail is configured by default to tell you of new messages *Automatically*. You can also tell it to check every "so many" minutes, or *Manually*. (I'm comfortable with *Automatically*.)

II) *Find Anything and Anyone* anywhere in your mailboxes:

The usual way of searching for something in messages is to type search criteria into the *Search* box in the top right of the mail screen. You can do a more powerful search by hitting *Command-Option-F* then typing search parameters.

III) *Previous Recipients*:

You want to send a message to someone who wrote to you a little while ago, but their email address is not in your *Contacts* file. There is a good chance you will find it in among your *Previous Recipients*. (This list contains email addresses from every message you receive ... until you cull

that list.)

To bring it up, go to *Window > Previous Recipients*. It lists *Name*, *Email* and the date the address was *Last Used*. Clicking on any of these headings will arrange the list in sequence by that criterion. A small icon appears on the left of a name if the recipient is in your *Contacts* list. There is a *Search* box up in the top right.

IV) *Recipient Can't See Image Attachments:*

You send a message to someone with an image file attached. They may come back saying they can see there is an attachment, but they cannot “detach” (or open) it.

This usually happens on Windows machines, rarely on Macs. To ensure this does not happen, **Compress** the image file first before attaching it to your message. (Right-click on the image file, and select *Compress <name of file>*. A new file, with the name *<name of file>.zip* is created. Attach this “zipped” file to your message.)

The article offers more detailed explanations of these features.

Note: Originally I had include the fifth “feature” the article mentions—viz, the *Redirect* command. I tried it out, but it did **not** do as the article describes. I’ll leave it up to members to check it out for themselves.

Our British Columbia Summer

Our poor old province of British Columbia is having one of its worst “wildfire” seasons ever. Fires have been burning almost everywhere north and east of Vancouver since late June, and with no significant falls of rain for many weeks the bush has been left very dry. So much smoke has been generated that winds have carried it east over the western half of Canada as far as western Ontario! And for the past few weeks it has been thick enough most days that from the downtown area you cannot see the local mountains.

I have been surprised to hear that New South Wales, for one, has been having major fires... in winter— a very unusual situation. But the experts seem to be saying that this could be the “new normal”. That is certainly a disturbing prospect ...

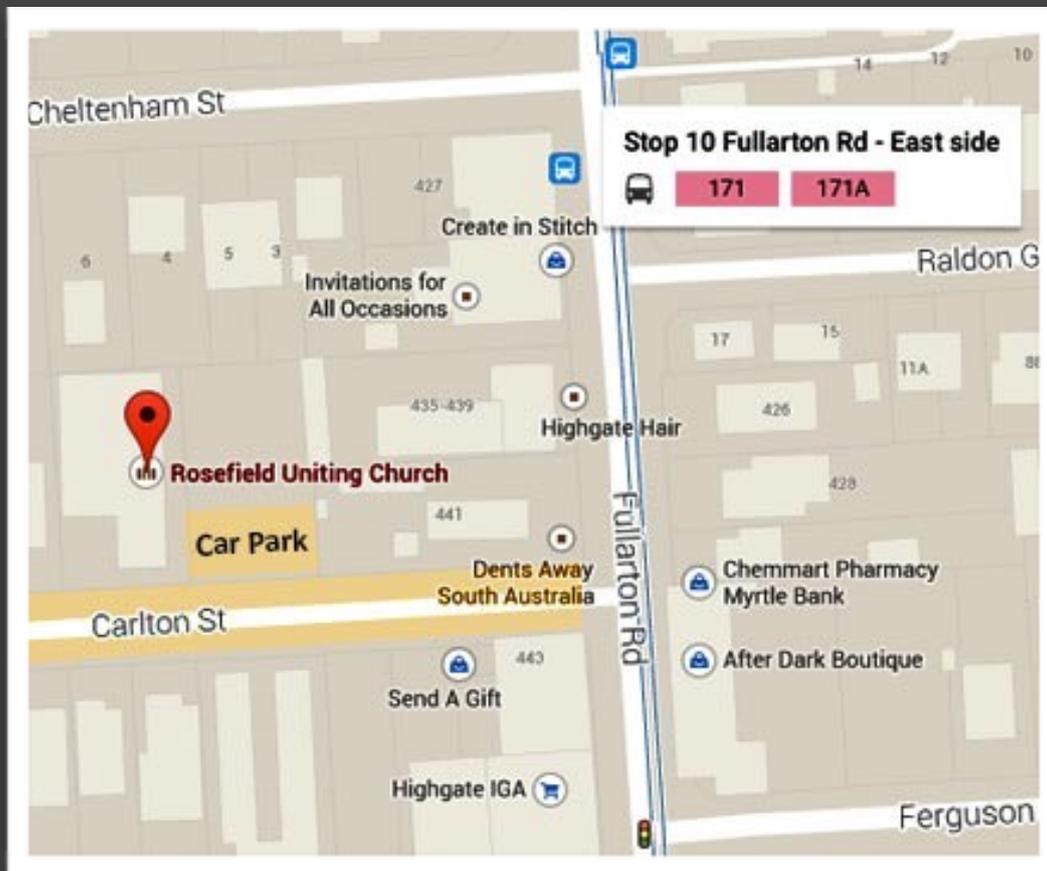
Cheers,

Mike Millard

SAAUC Meetings 2018

Fridays @ 7:30pm

February	2
March	2
April	6
May	4
June	1
July	6
August	3
September	7
October	5
November	2
December	7



**Meetings at Rosefield Uniting Church
2 Carlton Street HIGHGATE
(off Fullarton Rd, between Fisher Street & Cross Road)
Street View <https://goo.gl/maps/3Zj4RFTpSHk>**

**SA School Holidays, Public Holidays and Observances
<https://goo.gl/maps/3Zj4RFTpSHk>**

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