

JULY 2021

Established in 1996 especially for Pakuranga, Howick and Botany residents

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Our next Meeting,

Friday 2nd July

at 10.00am

St Andrews Church Centre

Corner Ridge Rd and Vincent St

The main entrance is in Vincent Street with parking in the grounds and disabled parking near the basement entrance.



Visitors welcome

Our speaker will be Berhard Lamprecht, a senior executive at Fisher & Paykel Health Care, who will give an overview of the company and its products, touching on the events of last year and a show and tell regarding selected company products

JULY HELP DAYS

MON	5 July	10am
WED	14 July	10am
THU	22 July	1.00pm
FRI	30 July	10am



1 NEW MEMBER

Linden Johnson

So....you've been eating hotdogs and McChickens all your life, but don't want the vaccine, because, " you don't know what's in it"?

Bill Buckley from Buckley Systems gave an amazing presentation at our June meeting. In particular was his description of his contribution to making Boron Neutron Capture Technology practical for solid tumour eradication to the extent that a cancer cell is destroyed without harm to a neighbour regular cell. BNCT is still in a development mode even though the potential has been known since the 1950s. The difficulty has been getting and controlling neutrons.

The following link shows the early years of this technology which required a nuclear reactor to generate neutrons and then not powerful enough, not well controlled and many side effects. Buckley Systems' design gives the power, control and safety required. Also, in the link is discussion in how the second part of the treatment, the development of techniques to deliver the best form of boron to the site of a particular cancer.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6885431/>

As a follow up to the success experiences by volunteer patients my brother reported that his Swedish friend living in Sydney has inoperable terminal lung cancer. He had one treatment session and is now clear.

On another topic altogether, we have a surplus iPad and an android tablet. These were purchased in 2012 and are now obsolete but are available to a member on a first in basis from brian@senpak.nz.

They are:

A 10 inch Samsung Tablet. The battery works, it still connects to Wi-Fi, the camera works and Google maps works. Many other functions fail.

A 10 inch iPad. This is "locked" and we have lost the password. There are techniques to unlock an iPad which requires Apple to wipe all the contents first. However this iPad is complicated by a "find your phone" App and in this case Apple require proof of ownership. Even though we have supplied the purchase date, the till docket (admittedly very faded) and the committee minutes approving the purchase they have declined to unlock it. Apple of course, prize their security.

Finally, I will be pressing members to consider a committee position at the upcoming October AGM. I have earlier written about Succession. We need this both in Tutors and Committee because the same members have been filling these roles for some years. The fact is that personal commitment to family could remove quite a few in these positions at short notice. A number of SeniorNets have had to close or a struggling as there a no volunteers coming forward. We have the equipment and accommodation in place, the financials are good so if you feel able to help in any role please contact brian@senpak.nz.

Ramblings

Dawn Howarth

Well what about Bill Buckley and the surprises he provided. What a man. His contribution to cancer treatment in particular, is breathtaking. Well done to Kate for her skill in understanding and noting all of it for us. Thank you Fay for asking Bill to talk to us.

Our household Covid jabs are done and I'm pleased—and amazingly they don't hurt even a little bit. I asked the nurse if he could show my dentist how to make injections so painless. The world is still raging with Covid though and I am so so happy we live in this little paradise. I can't understand why we have miserable sods who want to spoil it in any way. Don't they know it is their home too. What about the louts who demolished a house in the middle of the night and the neighbours know nothing !

Another bit of good news—today I joined our monthly village quiz and, surprise surprise, our team moved off the bottom in the cleverness stakes. I'm well pleased. Celebrated with a two hour happy hour. I'm told need to learn capital cities, Latin and maybe Greek/Roman gods before next month. Now there's a challenge.

Take care and keep safe.

We are not ageing, we are ripening to perfection

Kate's Take

Kate Senner

A big thankyou to Brian, for his very interesting talk. He took us from document production on clay tablets around 3300BC, to the first printing machine, the Guttenberg Press (1440) and the mechanical typewriter (1830) to the sophisticated pieces of tech we have today. It was only when Brian, walked us through the numerous stages required to pay a telephone toll bill, prior to the mid 1970s, that we appreciated why they were so expensive back in the "good old days". Fortunately, everything today has become automated and we can talk to the other side of the world for a fraction of the cost. This is all because now we are using computers to communicate, calculate and disseminate information. The backbone of this revolution is office software.

Microsoft Office, often loaded on a new computer, with its various program components, was the gold standard for many years. Word was for word processing, Excel for spread sheets and PowerPoint for producing presentations. In the beginning the only way you could buy Microsoft Office was on a CD at the local computer shop but with computer whizzes making pirated copies, it wasn't long before Microsoft came up with a new business model.

Office 365 is only available online. There is an annual licence fee of \$119 but for this you will always have the latest features and updates. You can still buy Office 2019 for a one-off payment for \$239 until support ends somewhere in the region of 10-12 years. The new features may be only updated every 3 years.

However, if you wish to get away from Microsoft altogether there are other free versions of office software.

LibreOffice / Open Office is a free suite of office software. It is compatible with Microsoft files and has a good write up on the internet.

Google has its own **Docs, Sheets, Slides**. Once you have signed up to a free Google "Account". Click on the square of nine dots adjacent to the account identifier in the top right-hand corner of your email page. All the apps appear in a drop-down menu.

We've noticed that our grandchildren seem to use the Google apps for school.

continued ...

Kate's Take continued

Bill Buckley and Buckley Systems

Many thanks to Bill Buckley who kept us enthralled by all the amazing inventions and innovations created by his company, Buckley Systems.

He started in business in 1978 and through several global financial crises and iterations of his company, Buckley Systems now employees 400 staff in Auckland, has a multi-million-dollar turnover and several other high-tech facilities around the world.

Who would have thought that such high-tech manufacturing was being carried out, in unpretentious Mt Wellington? Buckley Systems is expert in building, precision electromagnets, of all sizes, which are used in the machines that create silicon chips, flat panel screens, particle accelerators and groundbreaking, medical machinery.

Buckley Systems builds and supplies laser machinery used in the manufacture of more than 90% of the world's total output of chips.

Probably one of the most exciting pieces of equipment Bill and Neutron Therapeutics, a Boston-based company he co-owns, have designed and built is the Boron Neutron Capture Therapy (BNCT) machine. The basis of this machine is a particle accelerator.

The patient is given an infusion of a boron compound that concentrates in the cancer. The BNCT is a particle accelerator that generates neutrons that can be turned on at the flick of a switch. These neutrons can be targeted at the tumor. They cause the boron molecules to heat up which destroys the tumor from the inside without damaging the healthy surrounding tissue.

This treatment used to require quantities of highly radioactive material which had to be stored and administered in lead lined rooms. This was a serious health hazard to all concerned but the use of a particle accelerator is only hazardous while the switch is turned on. Helsinki University Hospital, in Finland have installed a BNCT and have had remarkable success with this new way of administering radiotherapy.

Buckley Systems were also involved in the design and manufacture of the rudder and fins on, our America's Cup entry, Emirates, Team New Zealand.

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Bill Buckley is certainly a remarkable man. A quick search on the internet lists his numerous awards.

- 1996 - Awarded New Zealand Trade Exporter of the Year
- 1997 - Buckley Systems Limited gains ISO 9001 certification
- 1998 - Awarded New Zealand Trade Exporter of the Year
- 2011 - Awarded New Zealand Trade Exporter of the Year, Excellence in Innovation, Entrepreneur of the Year and IPENZ Supreme Technical Award for Engineering
- 2012 - Bill Buckley nominated as a finalist in the World Entrepreneur of the Year Awards in Monte Carlo
- 2013 - Bill Buckley awarded New Zealand Order of Merit
- 2018 - Bill Buckley inducted into New Zealand Business Hall of Fame
- 2020 - Bill Buckley wins New Zealand Innovator of the Year



OBVIOUS SIGNS THAT HUMANITY IS DOOMED

COMMITTEE

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COURSE TIMETABLES, HELP DAYS AND COURSE BOOKING INFORMATION

To view all SeniorNet courses and timetable, click here

<http://www.senpak.nz/courses/>

JULY HELP DAYS

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NO APPOINTMENT NECESSARY



Course Booking Information

- * You need to be a member of SeniorNet to take part in our classes.
- * If you need assistance in deciding on a course, please contact the Tutor who will answer any questions and also take your booking.
- * Our Courses are all held at our Learning Centre at
12 Ben Lomond Crescent, Pakuranga.
- * Please park on the road as no parking is permitted on site.
- * Note: We require you to pay a course fee to cover the cost of notes and other expenses. Please bring the correct cash to the first session.

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