**SLO Bytes HardCopy
A publication of the San Luis Obispo PC Users’ Group
Vol. 38 No. 6 June 2022**

**May 1st 2022 First Session Notes** *by Alan Raul*How to Save a Backup of All Gmail Emails to Your Computer
<https://osxdaily.com/2022/04/05/save-backup-all-gmail-emails-locally> /
<https://takeout.google.com/>

Speedometer tests a browser's Web app responsiveness by timing simulated user interactions.
<https://browserbench.org/Speedometer2.0/>

Imgur is an American online image sharing and image hosting service with a focus on social gossip that was founded by Alan Schaaf in 2009.
<https://imgur.com/>
Examples:
<https://imgur.com/a/wHf0lxN>
<https://imgur.com/a/8u4fK8f>

Postimages - Post your images here
<https://postimages.org/>
Examples:
<https://postimg.cc/5XLbLyTF>
<https://i.postimg.cc/K8sjXg5Q/C419.jpg>

5 Router Settings You Should Change Now!
<https://youtu.be/mJnIgjyjEtc?t=130>

Static IP vs Reserved IP (DHCP Reservation)
A static IP address is an IP address that’s manually set on a NIC (Network Interface Card).
A Reserved IP is a pre-set IP that’s provided by a DHCP Server and given to a NIC when a NIC calls out to a DHCP server for an IP address.
<https://www.stephenwagner.com/2019/05/07/static-ip-vs-dhcp-reservation/>

System administration utility for network interface configuration
**Ifconfig** - Linux and macOS, **Ipconfig** - Windows

Wireless Network Watcher - is a small utility that scans your wireless network and displays the list of all computers and devices that are currently connected to your network.
<https://www.nirsoft.net/utils/wireless_network_watcher.html>

NETGEAR Nighthawk Smart Wi-Fi Router (R7000) - AC1900
Purchased November 2014
<https://www.netgear.com/home/wifi/routers/r7000/>

I have an identical model as a backup.
<https://www.amazon.com/NETGEAR-Nighthawk-Smart-Wi-Fi-Router/dp/B00F0DD0I6>
<https://www.bestbuy.com/site/netgear-nighthawk-r7000-ac1900-wifi-router-black/1754208.p?skuId=1754208>

The **OpenWrt Project** is a Linux operating system targeting embedded devices. Instead of trying to create a single, static firmware, OpenWrt provides a fully writable filesystem with package management. This frees you from the application selection and configuration provided by the vendor and allows you to customize the device through the use of packages to suit any application. For developers, OpenWrt is the framework to build an application without having to build a complete firmware around it; for users this means the ability for full customization, to use the device in ways never envisioned.
<https://openwrt.org/toh/netgear/r7000>

**Alan Raul**

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**June 5th 2022 Program** *by Ralph Sutter*

The **First ZOOM Session** will feature **Alan Raul** offering a Questions and Answers program from 12:45-2:00 p.m.
Usual topics include security issues, recent changes in Windows operating systems, tablets and smart phones

as well as demos of software and hardware. We always encourage questions and observations from the audience.

To be part of the virtual meeting via **Zoom**, please refer to the e-mail that will be sent to you twice shortly before the meeting with the credentials necessary to join the Zoom session. If you are asked for a **Meeting ID** or a **Password**, copy it from the announcement and paste it into the appropriate box

There will be a break from 2:00-2:30 pm allowing the audience to sip a beverage, pet the dog or stretch

The **Second Session will continue with the format begun recently. Speakers will be members of the SLO Bytes audience. Afterwards, everyone is invited to pose computer issues that they face and/or solutions to them. We will call this segment Potpourri.**

Contact Ralph at ralph@rsutter.com for more information

View Zoom tutorials at <https://www.youtube.com/playlist?list=PLKpRxBfeD1kEM_I1lId3N_Xl77fKDzSXe> If you have any questions, please contact ralph@rsutter.com

**Ralph Sutter**

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**Treasury Report by Kaye Raul**



**Kaye Raul**

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**Photo Group Report** *by Ralph Sutter***Notes from the Meeting of 05/1510/22**
**TOPIC**: New Skills, New Thrills

**Ralph Sutter** began the meeting demonstrating focus stacking with Adobe Photoshop Elements 2021. This required purchasing the after market add-on, [Elements+](https://elementsplus.net/) Sutter then showed a [video](https://www.youtube.com/watch?v=SdrkURWyRsQ); of the flight, crash and recovery of his DJI drone in conjunction with the autonomous flight software, [Dronelink](https://www.dronelink.com/)

**Kaye Raul** shared images taken with her new [Sony A7 IV full frame camera](https://www.bhphotovideo.com/c/product/1667800-REG/sony_ilce_7m4_b_alpha_a7_iv_mirrorless.html) Her subjects included shots of Guadalupe, Main Street Beach and local strawberry fields.

**Alan Raul** showed images of Shell Beach including the construction project of a new seawall, staircase and sidewalk along the oceanfront. Later in the day (when it was cooler) using his Sony A7iv with a [35mm F2.8 lens](https://www.bhphotovideo.com/c/search?Ntt=sony%2035mm%20f%202.8&N=0&InitialSearch=yes&sts=ma)  he ventured into the dunes near the Pismo Beach Creek to capture images of the creek and dunes area.

**Stanford Brown** used his [Vikeri Trail Cam](https://vikeri.tech/) to capture images of 4 footed nighttime visitors around his house. He then reminded the group of the capabilities of the free [Microsoft Photos app](https://apps.microsoft.com/store/detail/microsoft-photos/9WZDNCRFJBH4?hl=en-us&gl=US). It allows image and video viewing, slideshows and simple video editing. program,

**John Waller** introduced log exposure photography in conjunction with density filters. The filters allowed him to take much longer exposures and capture details of dark scenes that otherwise wouldn't be visible.

**Bob Styerwalt** shared several closeups of roses growing in his back yard.

Our next meeting will take place on **06/12/2022 beginning at 2:00 pm**. The topic is once again New Skills, New Thrills; Learn and share that knowledge. A Zoom invitation will be sent shortly beforehand.

Here is the meeting schedule for the remainder of 2022

 July 10
 August 14
 September 11
 October 09
 November 13
 December 11

See the [Links](https://www.slobytes.org/digital/links.html) page for tutorials and other resources

**Ralph Sutter**

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**Push Library**
Look at the **PUSH archives**, <http://www.slobytes.org/push/>. This is a repository of articles where you will find tips, product reviews, and personal recommendations contributed by computer clubs across the country.
They are provided courtesy of the Association of Computer User Groups, **APCUG**, the national organization with which SLO Bytes is affiliated.
The actual **PUSH** articles are hyperlinked from the index located at
 <http://www.slobytes.org/push/index.html> (All articles on one long page)
 <http://www.slobytes.org/push/push-condensed.html> (Links to **PUSH** articles by month received)
You can view additional APCUG publications here: <http://www.slobytes.org/apcug/index.html>

**SLO Bytes Bulletin Board**
Everyone can read the SLO Bytes Bulletin Board at <http://slobytes.org/smf/index.php?board=1.0> but only subscribers can post comments or respond to the posts of others. Despite the usual connotation of **subscribe**, it costs nothing to join the bulletin board. It is free to all current SLO Bytes members. However, to guard against cyber-mischief by spammers and other ne’er-do-wells, I have disabled self-registration. If you want to be added to the bulletin board, please send your request to me at ralph@rsutter.com.

If you are currently registered with the SLO Bytes Bulletin Board and wish to change your password, you will find a video screen capture of how to do so at
<http://www.slobytes.org/documents/change-bb-password.mp4>

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**Club Information and Meeting Times**

**SLO** **Bytes**, a PC Users Group dedicated to educating its members in the use of personal computers, digital devices and software, meets on the first Sunday of each month via **Zoom**. Zoom credentials are sent to members twice shortly before each meeting. If you are a SLO Bytes member and don’t receive this e-mail, please contact ralph@rsutter.com.

All meetings are open to the public at no cost. A general interest and Q&A session occurs from 12:45 PM to 2:00 PM and guest speaker presentations begin at 2:30 PM. Contact **Ralph Sutter** (ralph@rsutter.com) or visit [slobytes.org](http://www.slobytes.org/index.php) for additional information about SLO Bytes and the scheduled presentation. All ideas for speakers or presentation subjects are welcome.
 **HardCopy** is a monthly publication of **SLO Bytes PC Users' Group** located in San Luis Obispo, California. Information in this newsletter is derived from both our own membership and other PC user group newsletters.

The purpose of this publication is to inform our members of meetings and provide information related to the use of PCs and various operating systems.
Membership dues are $25 per year. Membership entitles you to our monthly newsletter via e-mail, technical assistance comradeship and a voice in the affairs of the club.

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***Outside Special Interest Groups (SIGs)*The Linux Group** normally meets via Zoom at 6:30 PM on the first Thursday of the month.
View the web site at [www.slolug.com](http://www.slolug.com). Contact Alan@alanraul.com for credentials to join the Zoom Session.
 **The Photography Group** normally meets via Zoom beginning at 2:00 PM on the second Sunday of each month. Contact
ralph@rsutter.com for credentials to join the Zoom Session.
Visit the website at [www.slobytes.org/digital](http://www.slobytes.org/digital)

***SLO Bytes Officers/Volunteers*Officers**John Waller- President/Programs Chair: johnlwaller@sbcglobal.net
Kaye Raul – Treasurer; Membership: kaye@kayeraul.com
Ralph Sutter – Secretary, Webmaster/HardCopy Editor, Photo Group Leader: ralph@rsutter.com
Alan Raul – Training Officer/Linux Group Leader: alan@alanraul.com
**Advisors to the Board of Directors**
Peter Stonehewer: [blacklakepete@yahoo.com](file:///I%3A%5CWebs%5Cslobytes%5Cnewsletter%5Cblacklakepete%40yahoo.com)
Jim Buenrostro: [jnb33@yahoo.com](file:///I%3A%5CWebs%5Cslobytes%5Cnewsletter%5Cjnb33%40yahoo.com)

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**SLO Bytes Website**: [slobytes.org](http://www.slobytes.org/index.html)