

save a web page to read later. Several apps like Mail and Photos have been dramatically improved. Although the Start Menu is back, it is larger and more distracting than it was in Windows 7. Fortunately, it is customizable so you may want to spend some time getting it to suite your taste.

Cortana, a voice assistant like Apple's Siri is built into Windows 10. You can ask her questions and she can even help you find your files.

The new File Explorer is much improved. It now shows a list of useful Quick Access locations and folders you use frequently in addition to Recent Places.

**Editor's Note**, by R. Black, Editor, CFCS BUSSLINE: Attracted by what every reviewer has said is the very best camera produced to date for a smart phone, I recently purchased a used Nokia Lumia 1020, mainly for its 41 megapixel camera. I had long been told by expert Stan Wallner that Windows phones had a smooth operating system, but I am impressed, except for the lack of Apps, of course.

The camera is indeed excellent, with many features only available on costly stand-alone cameras. I will be demoing it at my Android SIG on Jan. 12 at Casselberry Dennys. After my demo of its current 8.1 OS, I intend to upgrade it to Windows 10 Mobile, which is still in Beta, but by all reviews is quite usable. Besides retaining all the great features of the legendary Lumia Camera app, Microsoft is adding hooks to give Win10 Mobile the ability to run apps written for both Android AND iPhones. If they follow through, this could change the equation completely, altering the market shares for Android (81.5%) and iOS (14.8%) (as of 2014).

I will demo Win10 Mobile at the Android SIG in Feb. After that, I will probably slide my SIM card back into my Note 3, unless Microsoft comes through with the Apps emulators they have promised. Then we shall see.....



The Computer Geeks prepare for their talk in November, 2015.

Ted Goodwin and John Braun listen intently in the modern, digital way, to a fascinating speaker at one of our meetings.



Your technology helper for over 30 years.

Preview THE **FREE!**  
Edition of  
**BUSSLINE**

(BUSSLINE is the term for the complex multi-functional circuitry on a computer motherboard, a PC's heart.)

Vol.116 No.2 Newsletter of the Central Florida Computer Society, Inc. [Non-Profit, 501(c)3] Feb. 2016

## Past CFCS President Mike Ungerman Talks Tech from CES and Las Vegas

**Feb. 14:** Mike Ungerman, our group's President when Bill Gates addressed a CFCS meeting, will speak to us about all the new products, technology, and gizmos he saw recently at the CES show in Nevada.

Mike was co-presenter last year with Hewie Poplock, of a review of the 2014 CES.

**Mar. 13: Abby Stokes (Ask Abby),** will talk to our members about digital devices for making our lives more productive. Abby is the author of "Is This Thing On?", "a reassuring, totally straightforward guide that introduces late bloomers, technophobes, and the digitally challenged to all the wonders of using a computer."

For more info: <http://askabbystokes.com/>

**Presentations and Meeting Places are subject to change.** The best way to keep up to date is signing up for the CFCS E-Blast e-mail newsletter at [cfcs.org](http://cfcs.org), or just check out [cfcs.org](http://cfcs.org) for updates.

**Monthly Meetings** are held starting at 1:30 pm in the Seminole County Library Community Room. See map in this BUSSLINE or on pg. 24 of the online edition at [cfcs.org](http://cfcs.org). Meeting place is at the Seminole County Library

at 215 N. Oxford Road in Casselberry. For details and maps, consult our website at [cfcs.org](http://cfcs.org).

### SPECIAL INTEREST GROUPS

**Earlier on the same day of each presentation, the WINDOWS SIG\* meeting is held.** (\*Special Interest Group) The WinSIG always meets at 1:30 pm, and is hosted by Hewie Poplock, just before the CFCS General Meeting at 2:30. If you use or plan to use Windows, these discussions, demonstrations, and Q&A sessions will be of immense value to you. Geared to intermediate level Windows users. Tips, tricks, and information on all versions of Windows are discussed. An online interactive view of our WinSIG is available at

<https://cfcs.adobeconnect.com/winsig/>

Our e-newsletter, the **eBlast**, is sent periodically with meeting information and links discussed at the meeting. You need not attend both meetings, but many members do. Non members are always welcome. Sign up for the free e-newsletter at [cfcs.org](http://cfcs.org).

**The Android SIG** meets on the second Tuesday of each month from 7 to 9 pm at Denny's restaurant on 436 & Oxford Rd. in Casselberry. Hosted by Bob Black, the group discusses all things Android in round table fashion. Each member gets several minutes to talk about a favorite app, or accessory or ask questions about using and

improving the Android experience. [edi-tor@cfcs.org](mailto:editor@cfcs.org)

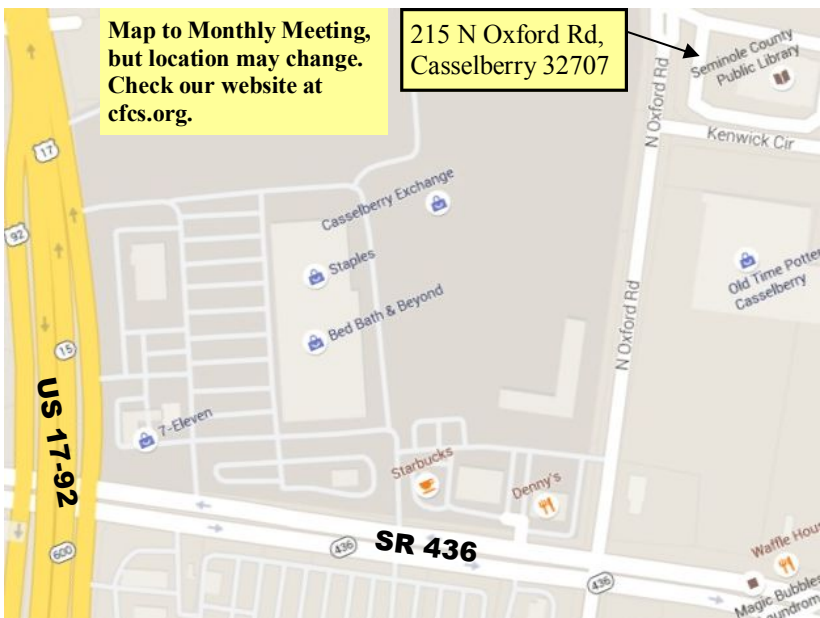
**The TechSIG** meets on the fourth Tuesday of each month from 7 to 9 pm at Dennys Restaurant on 436 and Oxford Rd. in Casselberry. This SIG is hosted by Vice President Stan Wallner ([vp@cfcs.org](mailto:vp@cfcs.org)).

This SIG is a non-structured, open conversational group for CFCS members, that has no specific topic or speaker, but is simply a round table discussion. It is not an advanced group, but a place for people to come and discuss various subjects, such as new products and technologies, hardware, software, web-related, etc. Bring in articles from magazines, newsletters, unusual problems/situations that have arisen, questions, etc. Also, new or ailing devices or notebook pc's are welcome, either for "show and tell" or discussion or demo of situations. E-mail: [tech-sig@cfcs.org](mailto:tech-sig@cfcs.org)

**The iSIG** meets on the third Monday of each month at 7:00 PM at Florida United Safety Council, 1505 East Colonial Drive, Orlando FL 32803. The iSIG meetings cover the products that use the iPhoneOS, which includes the iPhone, iPad, and iPod. This is a combined effort of the Central Florida Computer Society <http://www.cfcs.org> and the Florida Macintosh Users Group <http://www.flmug.com>. Other groups are invited to participate. Attendees are consumers, developers, consultants, and publishers, who find common interests and discuss how to handle topics from both the consumer & the developer perspectives. The SIG leader is Sean Kane, Certified Apple Technical Coordinator, long-time Mac and

**Map to Monthly Meeting, but location may change. Check our website at [cfcs.org](http://cfcs.org).**

215 N Oxford Rd,  
Casselberry 32707



iPhone user, and a technologist and consultant to Walt Disney Feature Animation Florida.

#### **Drupal SIG**

Our Drupal SIG meets at **Orlando** Public Library 101 E Central Blvd, **Orlando**, FL 2nd floor - Melrose Center RSVP at Meetup.com: <http://www.meetup.com/Orlando-Drupal/events/181779882/>

### **Attend a CFCS meeting for the time of your computer's life**

Has this ever happened to you?

- You bought a computer and don't know how to use it?
- You've had a computer for years but never had the time to learn more about it.
- Your kids know more about computers than you do?
- Your job expects computer knowledge with no training.
- Your kids gave you an iPad but you are worried about cloud storage?
- You've heard about identity theft but don't know what to do about it.

- You'd like your computer to talk to your wife's computer but can't figure out how to do it.

The answer to all these questions is the same: Join the CFCS. Attend our next Sunday meeting (It's free.) Join and learn. We were the first and are still the best!

Many of our members are experts in all types of electronics, from digital video recorders to GPS units, iPhones, iPads, and MP3 players. The list is as infinite as the internet.

Other members are just like you, wanting to learn more without paying for expensive training.

Whatever your technology interest or problem, someone in CFCS will know about it.

Join the fun, join the knowledge, join us at our next meeting. Details elsewhere in this newsletter or on our website at [CFCS.org](http://CFCS.org).

***P.S. If you are the type whose VCR used to flash 12:00 and you couldn't fix it, you are too far gone,\* but for any other technical or electronic knowledge, stop by one of our meetings.***

***You'll be glad you did. ■***

\*Same thing if you are still using that VCR!

**Support the businesses which support CFCS. They are:**

Smart Guys Computers at 1617 WP Ball Blvd.; [smartguyscomputers.com/](http://smartguyscomputers.com/) **Discount for cfc members.**

Refresh Computers at 820 E State Rd 434, Longwood, FL; [refreshcomputers.net/](http://refreshcomputers.net/) **Discount for cfc members.**

MacsOrlando at 3712 Howell Branch Rd. Winter Park 32792, <http://macsorlando.com/> Member of CFCS; he sells used Macs & PCs.

**Top 10 Reasons to Upgrade to Windows 10**  
**Sandy Berger, COMPukiss**  
[www.compukiss.com](http://www.compukiss.com)  
[sandy@compukiss.com](mailto:sandy@compukiss.com)

If you are still on the fence about upgrading to Windows 10, jump off! It is everything that Windows 8 should have been, but wasn't. Here are 10 reasons why you should upgrade.

Windows 10 is a free upgrade for anyone using Windows 7 or Windows 8.1. This offer is good until July 28, 2016. After that time it will cost \$119.

When Windows 10 starts, you are dropped immediately into the Windows 7- type desktop. Although there will be some new things to learn, end users will find that the transition to Windows 10 will be much smoother than the transition to Windows 8.

Windows 10 is faster and more secure than Windows 7 or Windows 8.

Windows 10 is easy to use with a keyboard and mouse and just as easy to use with a touchscreen. If your computer has a touchscreen as well as a keyboard and mouse, you get the best of both worlds.

As a service, Windows 10 will be constantly updated to keep it more secure and more capable.

The new Edge web browser that comes with Windows 10 is faster and more secure than Internet Explorer. It also offers useful new features like the ability to make notes on a web page and send them to a friend and the ability to