

CoCo~123



Glenside Color Computer Club, Inc.
Volume 36, Number 1

Carpentersville, Illinois
Spring 2016

CoCo ~ 123 Memory Map

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Upcoming Events

The 26th Annual "Last" Chicago CoCoFEST! April 22-23, 2017

Regular meetings every 2nd Thursday @ Schaumburg Library

G.C.C.C. OFFICERS

Here is the list of 2016 club officers and how to contact them.
If you have questions about the association call one of the
officers for the answers.

POSITION	NAME	PHONE	PRIMARY FUNCTION
-----	-----	-----	-----
President	Tony Podnaza	847-428-3576	The buck stops here...
Vice-President	Chris Hawks	815-943-4690	Meeting planning, etc.
Treasurer	Geo Schneeweiss	815-832-4441	Dues and Purchasing
Secretary	Bob Swoger	630-847-7026	Records and Reporting
Director	Tony Podnaza	847-428-3576	CoCoFEST! Organizer
Librarian	Brian Goers	708-805-1888	Software/Hrdwr Manager
Editor	John Mark Mobley	847-409-8604	Newsletter Production

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Tony Podnaza



Chris Hawks



Robert Swoger



George Schneeweiss



Brian Goers



John Mark Mobley

CoCo~123 - A Glenside Publication Since 1985

CoCo~123 INFORMATION

CoCo~123 is the newsletter of the Glenside Color Computer Club. Your annual contribution of \$15.00 helps to keep our club going. Send your check to:

George L Schneeweiss, Glenside Treasurer
13450 N 2700 E Road
Forrest IL 61741-9629

Our treasury provides newsletters and good times with fellow CoCo users at our Annual "Last" Chicago CoCoFEST! and Annual Glenside Picnic.

CoCo~123 CONTRIBUTIONS

If you have any suggestions for the newsletter or would like to submit an article, please contact the CoCo~123 Newsletter editor:

John Mark Mobley
4104 Wren Lane
Rolling Meadows IL 60008
johnmarkmelanie@gmail.com

CONTRIBUTORS TO THIS ISSUE

Salvador Garcia
John Mark Mobley
Tony Podraza
George Schneeweiss
Steve Strowbridge
Bob Swoger

G. C. C. C. MEETINGS

The Glenside Color Computer Club meets the second Thursday of each month at the Schaumburg Township District Library at 7:00 pm. If you need a map, see our Glenside Homepage at:

<http://glensideccc.com/splmap.html>

A social get-together always follows the meeting at a nearby restaurant we lovingly call, "The Meeting After".

FROM THE PRESIDENT'S PLATEN

Wow! We've had another "Last" Chicago CoCoFEST! For me this was one of the best because of then return of people who haven't attended for a while, as well as a few new members. Our final count was 83, maybe 20 more than previous years.

I thank all those who attended and I especially thank those who made the effort to organize and help to make the FEST! a success. I include Rich Blair and Bob Swoger for their work acquiring rooms and for keeping track of the costs and income. Tony Podraza for his work in arranging the showroom, handling the coco stuff such as software and hardware and auctions (ok, I tooted my own horn) and John Linville for coordinating the lectures and all the other fest events. But, as they said on Chicagoland's BoZo's circus, there were a cast of THOUSANDS involved... well, ok, tens. I just read the Secretary's report... there goes my thunder....

LOL... but I'm gonna tag a few more and try not to duplicate Bob's report, too much... like Andrew Weiler and John Mark Mobley for table/exhibitor placement, Brian Goers for 25th Annual CoCoFEST! Cupcakes, Frank Pittel for acquiring and laying out the table coverings, Brian Schubring for the opening musical themes and the background music throughout the FEST! Let's see, what/who have I forgotten??? The surprise "Greeting Video" from the good Doctor, Marty Goodman, courtesy of Tim Lindner... I was greatly touched. I met Marty at the First "Last" Chicago CoCoFEST! and had a great time with him then... by the way, I found a loose screw in his Toshiba laptop, at that time that might have been giving him some curious reboots, or other fun situations.

This thing just does not run itself, and I know that I have forgotten a few more contributors and their deeds, but I am no less grateful for their efforts. And where would we have been without Georgi, our ever-present building representative? If you see him next year, be sure to thank him for his time and efforts... he made sure we had ice water, a clean area, and I don't know what else. Bob tells me that I need to delegate some more stuff so the setup goes smoother next year... so anyone that wants to help, put your name in the hat. Oh, with that in mind... we have arranged for access to the facility on Friday night for the express purpose of setting up the rooms. Exhibitor setup will still be Saturday AM, as it was, this year, but **prayerfully**, the chaos of room setup and exhibitor setup will not take place... remember, Friday night is for ROOM setup... and I am going to be adamant about that. Trust me, it will make Saturday much, much more enjoyable.

And speaking about "prayerfully", I was personally blessed, yes, I will say "Blessed" by the attendance of my brother, not by blood, but by faith, of Brother Jeremy. You don't know the hole in the heart his absence left me with over the last 3-4 years.

Please notice that we have already started plans for next year's fest! With this early start we may have a better organized fest next year learning from this year's shortcomings. Visit our Website for more information.

<http://glensideccc.com>

'Til next time, I bid you "Peace".

Tony Podraza, President
Glenside Color Computer Club

TREASURY NOTES

We had \$5761.34 in checking last month. We have \$8778.44 in the bank as of May 4th, up \$3017.10.

We have 78 paid members in 2016, up from 76 in 2015, and a total of 500 members to whom we send newsletters.

George Schneeweiss, Treasurer
Glenside Color Computer Club

THE SECRETARY'S NOTEBOOK

CoCoFEST stats: We had a total of 83 attendees. 64 members checked in with Rich Bair and company. Of those 64, 19 brought with them fiends or family members and children.

Linda Podraza and Nancy Hawks provided coffee & pastries for the 2-day event. Frank Pittel provided table coverings. John Mark Mobley designed and provided our two fest posters. Brian Schubring designed and printed the fest badges. John Linville lined up our seminar guests thus designing our show guide. John Mark Mobley picked out and procured the trophies presented to various members rewarded for long-time service to the Club. Justin Wagner again provided the projector. Chris and Nancy Hawks selected our caterer that supplied dinner for more than 58 people at the Saturday evening dinner. Dinner was a hit and there was plenty to go around. All feedback said we should do it again next year.

Thanks also to Rich Bair and Crew that included Frank Pittel, Andy Weiler and Justin Wagner for checking in our attendees and keeping track of our pecuniary interests.

Bob Swoger, Secretary
Glenside Color Computer Club

THE EDITOR'S CLIPBOARD

The Glenside Color Computer Club has a website and you can get an account and log-in. You can use this to register your address, phone number and email with the club. If you would like to upload pictures to the website then request permission to upload pictures using the Contact Us menu option. I would like to have more pictures of the CoCoFEST! to use in the newsletter. If you have forgotten your username and password then use the Contact Us portion of the website to ask for help. The website is updated at least monthly. In fact there are already new dates for the next CoCoFEST!

John Mark Mobley, Editor
Glenside Color Computer Club

Open Dyslexic Font by: John Mark Mobley

The name of this font is Open Dyslexic. This is an open source font created to increase readability for readers with dyslexia. Here is an example:

The quick brown fox jumps over the lazy dog.

ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz

0123456789

To some people the lower case b and d look similar, because one is a mirror image of the other. This font addresses these issues. The font can be downloaded and used free of charge. The website is: <http://opendyslexic.org>

A Website Designed to Find Alternative Software by: John Mark Mobley

I like Microsoft Visio, but I have been too cheap to buy it for home use. I wonder if there is an alternative to Microsoft Visio?

Link: <http://alternativeto.net/software/microsoft-visio/>

How about a photo-editing program like Picasa?

Link: <http://alternativeto.net/software/picasa/>

How about Microsoft Windows XP?

Link: <http://alternativeto.net/software/windows-xp/>

How about Adobe Photoshop?

Link: <http://alternativeto.net/software/adobe-photoshop/>

How about Microsoft Publisher?

Link: <http://alternativeto.net/software/microsoft-publisher/>

How about QBASIC?

Link: <http://alternativeto.net/browse/search?q=qbasic>

How about MySQL

Link: <http://alternativeto.net/software/mysql-community-edition/>

How about Dropbox:

Link: <http://alternativeto.net/software/dropbox/>

How about Hex Chat:

Link: <http://alternativeto.net/software/hexchat/>

How about something for listening to podcast?

Link: <http://alternativeto.net/software/gpodder/>

This is a list of popular Microsoft Windows applications:

Link: <http://alternativeto.net/platform/windows/>

This is a list of popular Linux applications:

Link: <http://alternativeto.net/platform/linux/>

This is a list of popular Android applications:

Link: <http://alternativeto.net/platform/android/>

Most Liked Online and Web Apps:

Link: <http://alternativeto.net/platform/online/>

Try it for yourself. The link is:

Link: <http://alternativeto.net/>

Open Source Accessibility Software for the Blind by: John Mark Mobley

I listen to the "Going Linux" podcast.

They did a show on Linux accessibility for the blind and visually impaired.

I found the show interesting because I am dyslexic. A screen reader sounds useful to me.

The show seemed to ask listeners to pitch in in some way and help. Perhaps write software, write the developers and ask them to fix the software so you can operate it blindfolded, and/or give money. And the show said, "Don't rely on the government to solve this issue."

Link: <http://sonargnulinix.com/>

Note: There is a Donate button on this page.

Link: <http://accessiblecomputingfoundation.org/>

Computer History

by: John Mark Mobley and Wikipedia

- Difference Engine- Mechanical Computer
The idea goes back to 1786 but it was not built until 1991.
https://en.wikipedia.org/wiki/Difference_engine
- Electromechanical relay computer/calculator (1Hz)
1935 [https://en.wikipedia.org/wiki/Z1_\(computer\)](https://en.wikipedia.org/wiki/Z1_(computer))
- Electromechanical relay computer/calculator (5Hz)
1939 [https://en.wikipedia.org/wiki/Z2_\(computer\)](https://en.wikipedia.org/wiki/Z2_(computer))
- Electromechanical relay computer (10Hz)
1941 [https://en.wikipedia.org/wiki/Z3_\(computer\)](https://en.wikipedia.org/wiki/Z3_(computer))
- The world's 1st commercial electromechanical digital computer
1942 [https://en.wikipedia.org/wiki/Z4_\(computer\)](https://en.wikipedia.org/wiki/Z4_(computer))
- Electronic Computer/Calculator for doing matrix calculations
1942 https://en.wikipedia.org/wiki/Atanasoff%E2%80%93Berry_computer
- Code braking electronic computer
1943 https://en.wikipedia.org/wiki/Colossus_computer
- Electromechanical computer
1944 https://en.wikipedia.org/wiki/Harvard_Mark_I
- The first electronic general-purpose computer
1946 <https://en.wikipedia.org/wiki/ENIAC>
- The Apollo Guidance Computer (AGC) is notable for being one of the first integrated circuit-based computers.
1966 https://en.wikipedia.org/wiki/Apollo_Guidance_Computer
- First commercially available microprocessor
1971 https://en.wikipedia.org/wiki/Intel_4004
- 1972 https://en.wikipedia.org/wiki/Intel_8008
- 1974 https://en.wikipedia.org/wiki/Intel_8080
- 1975 https://en.wikipedia.org/wiki/MOS_Technology_6502
- 1976 https://en.wikipedia.org/wiki/Zilog_Z80
- 1978 https://en.wikipedia.org/wiki/Motorola_6809

Monster Circuits

by: John Mark Mobley

- A monster circuit is an IC that has been unintegrated. The idea is to help you appreciate what all is in the chip.
Examples include:
- 555: <http://shop.evilmadscientist.com/productsmenu/652>
741: <http://shop.evilmadscientist.com/productsmenu/762>
DIYIC: <http://shop.evilmadscientist.com/productsmenu/782>
4004: <http://www.4004.com/>
4004: <http://www.4004.com/assets/PB120046.JPG>
6502: <http://monster6502.com/>
6502: <http://www.visual6502.org/>
6502: <https://www.youtube.com/watch?v=73h4cjTeX44>

2016 CoCoFEST! Trophies

by: John Mark Mobley

- Seven trophies were given out at the 2016 CoCoFEST!
- 1) George Schneeweiss – Service as Treasurer
 - 2) Bob Swoger – Service as Secretary
 - 3) Mark Marlette – Most Prolific Hardware Designer
 - 4) John Linville – FEST assist & Podcast Excellence
 - 5) John Strong – 3D Printer Pioneer

- 6) Wally Grossman – Long-time FEST attendee
- 7) Brother Jeremy – farthest-traveling FEST attendee



This Is The 2016 CoCoFEST! Trophy

YouTube video of trophy award presentation:
Link: <https://youtu.be/DGdTIN8hz8s?t=109>

I am hoping that someone can design a 3D model of a Tandy Color Computer as a trophy. John Strong has a printer. Now we just need a design. Perhaps someone has access to a 3D scanner and can scan a CoCo and a CM-8 CRT Monitor.

The CoCoFEST! Was Live Streamed And Recorded by John Mark Mobley

Tim Lindner and Steve Strowbridge have posted their videos to YouTube.

Tim Lindner's YouTube Channel:
https://www.youtube.com/channel/UC52_zWOpMCzw_P-wRNfelzA

Networked Game Video:
<https://www.youtube.com/watch?v=NNiMkF6Bayw>

Original Gamer Stevie Strow YouTube Channel:
<https://www.youtube.com/channel/UCOq51ukdG1hj6cMhgwFciyw>

Trivia Contest Video:
<https://www.youtube.com/watch?v=m0CazL0hsH8>

Galtrek
by Jim Gerrie

Hey Coco John Mark, I seem to remember you being interested in Star Trek-themed text adventures for the Coco. I've just finished typing one in for the Coco that I haven't seen in any of the game repos I've run across.

It's from Hot Coco Magazine September 1983 and is by Howard F. Batie. Here's a link to my Coco compilation if you're interested:

<http://faculty.cbu.ca/jgerrie/Home/JGGAMES.zip>

It's called Galtrek and it on the JGGAMES12.DSK (*LogiCoCo disk 83*)

Sincerely, Jim Gerrie

Kind Words About Our Silver Anniversary Fest

Thanks Glenside! This CoCoFEST! was really enjoyable. I wish I could be there more time. I missed Mark's conference. I got a bit worried when somewhere he mentioned "The Last Chapter" and wondered if he was thinking of retiring Cloud 9. I also missed Gary Becker's conference on Sunday. I am interested in the FPGA CoCo 3 and have been following progress with this project.

Noemi and I enjoyed the Trivia Contest, though we were not able to stay through its entirety.

I did not get a chance to talk to you during the CoCoFEST!

Best wishes,
Salvador Garcia

Hi Bob and John Mark,

I just wanted to let you know what a fun time my sons and I had at CoCoFEST. I brought both my boys (you met them at the Picnic) and they had a great time playing Donkey Kong on John Mark's machine. One of the exhibitors had a really cool bouncy ball game he'd written in C. I didn't know there was a C compiler - so now I have no excuse not to write some games.

Just wanted to say a somewhat belated "Thank you" for the great time I (and my two sons) had at CoCo Fest. . I bought a CoCo 2 at the auction as well as a kit for a CoCoSDC (which I've already soldered together) so I can do some development work. The horribly browned CoCo 2 I got at the auction has definitely found a good home. I've repainted it (Home Depot makes a spray paint which is almost an exact color match) and replaced the missing rubber foot (\$3 at Ace Hardware). Thanks to some help from Jim O'Keefe, it now has a working CoCo SDC also. I've got the development tools set up on my PC and am working on a game for the next CoCoFEST!. The machine is in my classroom at the Technology Center of DuPage in Addison. Yesterday, I was showing my students how video cards "really" work by poking character codes directly into the video memory. I also have a student who loves Scott Adams games. I took a picture of him playing "The Count" on the CoCo 2 and emailed it to Scott Adams himself, who actually replied!

Thanks for all the work that went into the planning. Hopefully, we'll all do this again next year. Anyway, thanks so much for all everyone did to organize the event.

-Evan Wright

Silver Anniversary CoCoFEST!
by John Mark Mobley



Evan's son enjoys John Linville's games running from cartridge



Nancy & Chris Hawks and Evan Wright



Lee Patterson shows Bouncy Ball to a young guest



Lee Patterson shows off Bouncy Ball



Sandy Weimer & Mark Marlette



Jim Brain and his Multi-Pak Interface (MPI)



Richard Crislip and Gary Becker



John Mark Mobley's booth



Gary Becker is enjoying the show.



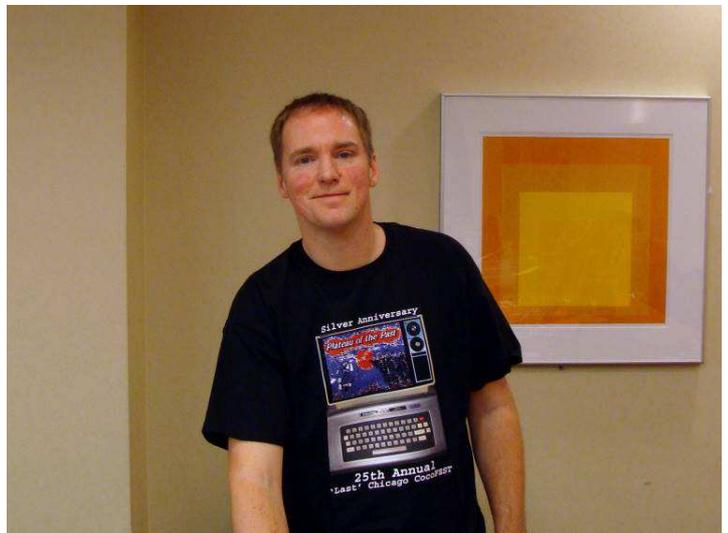
Mark Marlette doing what he does best, serving the CoCo community



Neil Blanchard's booth with Sega Genesis adapter



A souped-up CoCo3



Neil Blanchard of the Coco Crew Podcast



John Linville's booth. Notice the boxed-up to go game cartridges on the upper right of his table.



CoCoFEST! "Charter member" Karl Sefcik of Frisco TX hasn't missed a fest in 25 years that we can remember.



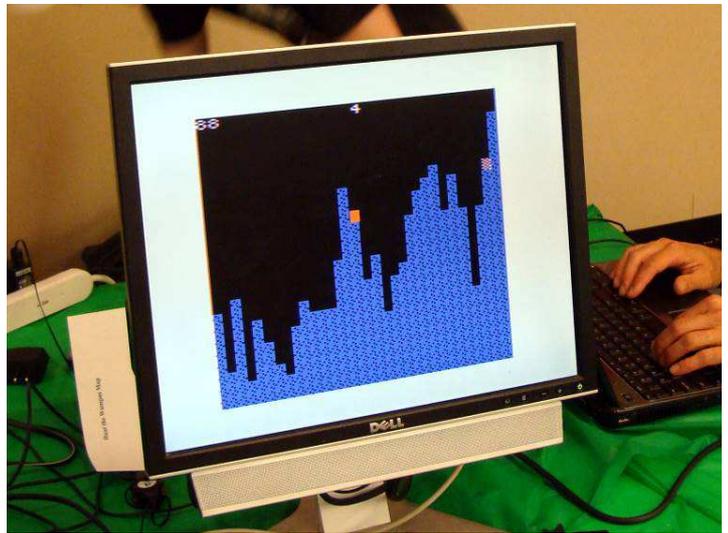
Richard Crislip models his T-shirt



Brett Gordon



Dan Keller



Brett Gordon's multiplayer networked artillery game



John Strong exhibits his Bomb Squad



Bomb Squad by John Strong



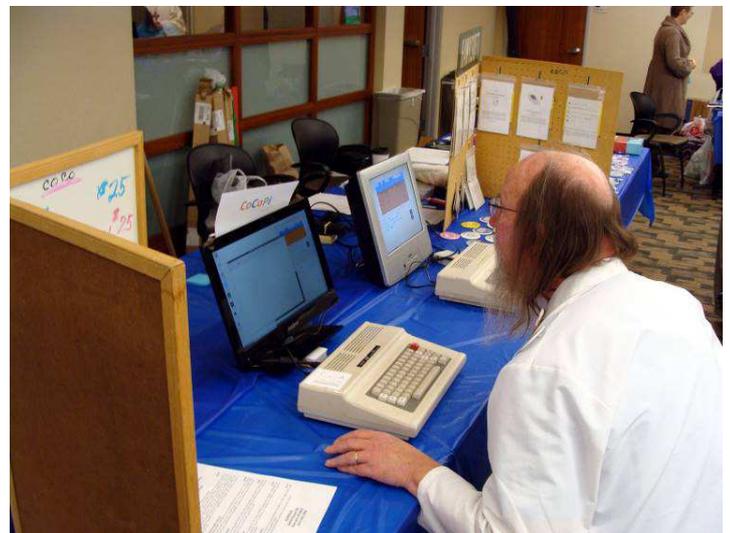
Jim O'Keefe sold these T-shirts at the CoCoFEST!



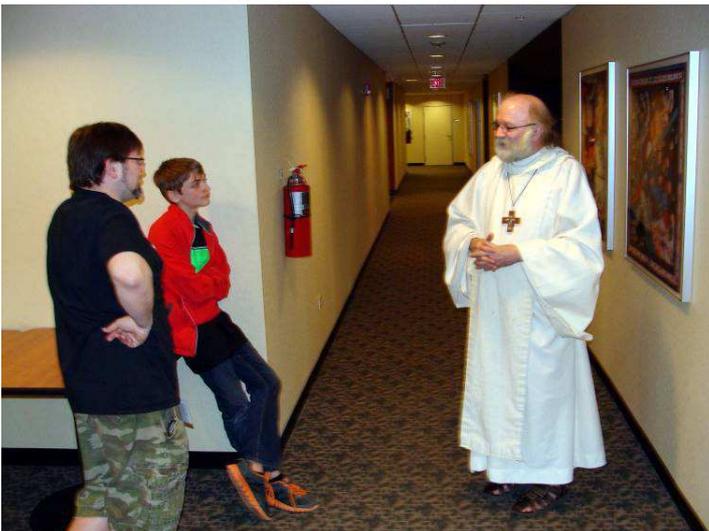
Entire Computer setup for sale by Wally Grossman



Billie & James Jones



Christopher Hawks working his CoCoPi



Well, first let me say I am an Episcopal monk and I like computers. Now to your question "Will there be computers in Heaven?". The Bible says: "No eye has seen, no ear has heard, no heart has imagined, what God has prepared for those who love Him."



CoCoPi is a Raspberry Pi running Linux, set up to emulate a CoCo.



Mike Rowen's booth
 Brendan Donahe and ROM Pak (left)
 CoCo On: boot up sound maker board (middle)
 CoCo Mugs (right)



This is Christopher Hawks' RGB-to-S-Video converter displaying "Sands of Egypt".



Barry Nelson's booth showing RGB->SCART-HDMI



Software for sale – CDF, VCDP, DOMINATION, SOX, GNOP, WAVES, ICON BASIC09, RGB to CV04 CBL. HAWKSOFT HOME CONTROL



A guest, William Astle & Brendan Donahe



Brendan Donahe's 6847 VDG-to-VGA converter



Brendan Donahe's 6847 VDG-to-VGA converter



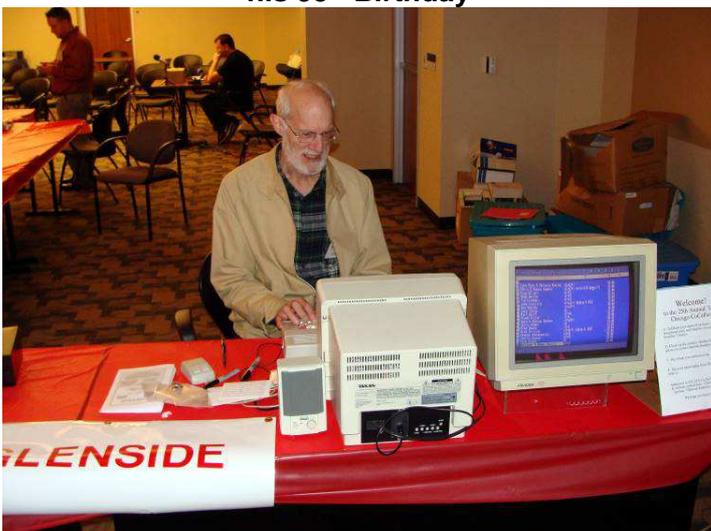
1st time visitor Original Gamer Stevie Strowbridge added new life & excitement to this year's fest



Our Treasurer George Schneeweis enjoys this chance to visit his friends and CoCo Family on this his 95th Birthday



Long time member George Bethea of Elmsford NY chats with attendees from last year while waiting for the doors to open for this year's fest



Rich Bair saves attendees from carpal tunnel by providing a look at our database to avoid filling out the long information/raffle cards.



Lee Patterson, Jim Brain & L Curtis Boyle



Our faithful auctioneer Tony Podraza



People donate items for the auction, which helps pay for the FEST!



Can I get 50 cents? A dollar! Going once...



You know you want this!



Two for the price of one!



Several attended our auction. 64 items were auctioned Saturday, 39 more on Sunday.



Sold!

Calendar of Events

By John Mark Mobley and Salvador Garcia

Glenside Color Computer Club, Inc. Business Meetings
 Thursday, July 14, 2016
 7:00 PM to 10:00 PM CDST
 Schaumburg Public Library
 130 South Roselle Road
 Schaumburg, IL, USA
 Google Hangouts access is available via John Mark Mobley.

Tuesday, July 14, through Sunday July 19, 2016
 KansasFest
 Kansas City, Missouri, USA
 Link: <https://www.kansasfest.org/>

Saturday and Sunday July 30-31, 2016
 Commodore Vegas Expo (CommVEx) v12.0
 Vegas, Nevada, USA
<http://www.portcommodore.com/dokuwiki/doku.php?id=commvex:start>

Saturday and Sunday August 6-7, 2016
 Vintage Computer Festival West (VCF West)
 Mountain View, California, USA
 Link: <http://vcfed.org/wp/festivals/>

Saturday and Sunday September 10-11, 2016
 Vintage Computer Festival Midwest (VCFMW) and
 Emergency Chicagoland Commodore Convention
 Greater Chicago Area
 Elk Grove Village, Illinois, USA
 Link: <http://vcfmw.org/>

Saturday and Sunday October 1-2, 2016
 Retropalooza
 Arlington Convention Center
 Arlington, TX, USA
 Link: <https://www.facebook.com/theretropalooza/>

Friday, Saturday and Sunday October 21-23, 2016
 Portland Retro Gaming Expo (PRGE)
 Oregon Convention Center
 Portland, Oregon, USA
 Link: <http://www.retrogamingexpo.com/>

**The 26th Annual "Last"
 Chicago CoCoFEST!**



2017 CoCoFEST!
 Proudly Presented By
The Glenside Color Computer Club
 Fairfield Inn, Lombard, Illinois

Here are the 5 "W's"

WHO? 1) Glenside Color Computer Club, Inc.
PRESENTS

WHAT? 2) The 26th Annual "Last" Chicago CoCoFEST!

WHEN? 3) April 22 & 23, 2017

(Sat. 9 am to midnight - Sun. 9 am-3 pm)

WHERE? 4) Fairfield Inn & Suites Lombard
 645 West North Avenue
 Lombard, IL 60148

(Near the intersection of IL-355 and North Avenue)
(Same location as 2016!)

Overnight room rate:

\$92.00 plus 11% tax (\$102.12 Total)

Call 1-630-629-1500 for reservations.

You must ask for the Glenside "CoCoFEST!" rate.

>>> YOU MUST REGISTER UNDER "CoCoFEST!" <<<
>>> TO GET THIS RATE <<<

WHY? 5)

- A. To provide vendor support to the CoCo Community**
- B. To provide Community support for our CoCo Vendors**
- C. To provide educational support to new users.**
- D. TO HAVE AN OUTRAGEOUSLY GOOD TIME!!!**

And now, the "H" word.

HOW MUCH? All Attendees - General Admission

Both days: \$10.00 1st - \$5.00 2nd & more

Sunday Only: \$5.00 1st - \$5.00 2nd & more

******* Children 12 and under - FREE *******

For further information, general or exhibitor, contact:
Tony Podraza, GCCCI **Robert Swoger, GCCCI**
847-428-3576, VOICE **630-847-7026, VOICE**
tonypodraza@gmail.com rswoger@aol.com

Please note the new starting times, 9 AM, not 10 AM.

Be sure to visit our Website to see up to date information on
 upcoming events. <http://glensideccc.com>