

NEXT MEETING OF THE GLENSIDE COLOR COMPUTER CLUB

Thursday, May 12, 1988 - 7:30pm GLENSIDE PUBLIC LIBRARY 25W. Fullerton Avenue Glendale Heights, IL.

DIRECTIONS: Glendale Heights is located between Glen Ellyn & Wheaton, IL and Bloomingdale, IL. Fullerton Ave. is West of Bloomingdale Road in Glendale Heights. The Library is about a half a mile down West Fullerton on the Left side from Bloomingdale Road. The meetings are open to all TRS-80 Color Computer 1, 2 & 3 users and owners.



THE GLENSIDE COLOR COMPUTER CLUB OFFICERS

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Len Zielinski
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SECRETARY/TREASUREGreg Pietrucha
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GLENSIDE BULLETIN BOARDS
CHICAGO(312) 463-8932

KAINBOWTest WELCOME

On behalf of the entire membership of the Glenside Color Computer Club of Illinois and the Illinois Color Computer Association, WELCOME TO THE 1988 CHICAGO RAINBOWFest.

It is our hope to help make your RAINBOWfest one to remember. If there is anything we can help you with or assist in any way, please call upon us. Most of our members live in-around the Schaumburg area and would be more then happy to assist you in locating what you need to find. We also have a good number of members that live in Chicago and they too could help 'point' you in the right direction if you are planning a trip downtown. Please consider the Glenside Booth as your 'RAINBOWfest Chamber of Commerce'.

If you live in the greater Chicago metro area and are not currently a member of Glenside or the Illinois Color Computer Club Association, WE NEED TO TALK! Glenside along with the Cook County Color Computer Club and the Illinois Color Computer Club of Elgin serve the entire North East region of Illinois. Each club is separate from one another, however, we formed the Illinois Color Computer Club Association to provide a standard of quality un-matched by any other 'non-CoCo' group or club. To join any one of the three groups, all you have to do is ASK! All we need to know is where you live. It really is that simple... Because each group is separate, the annual dues and individual services that each club provides will differ from one another. But the same commitment to the Color Computer and it's members is the #1 priority.

Once again, WELCOME TO THE 1988 CHICAGO RAINBOWfest and please do not hesitate to call upon us for help or assistance.

MAY NEWSLETTER

To start off with any May issue of CoCo-1 2 3, we must open with the Chicago RAINBOWfest. As you will read inside this issue, a great deal of pre-advance club activity for RAINBOWfest is underway. I believe that this years fest will be one of the best yet! If our ticket request is any indication as to the requests Rainbow has received, we are in for a very busy weekend. If you are scheduled to work a shift at the club booth, please make sure to be on time. The members you will be replacing have other plans then waiting around for you to show up. If you know that you will be late, let us know. The folk you will be working with will be counting on you to be there ... As a reminder, Rich Ekstrom is heading up the booth manpower. If you need to contact him, his phone number is 885-2573.

Somewhere inside this newsletter is a complete breakdown of all the seminars being. offered by Rainbow. At past RAINBOWfests, these seminars fill up quite fast. So if you are planning on attending any one of them, PLAN AHEAD! If you have bought a CoCo Community breakfast ticket, I think it would be nace if we all could get together before hand and sit together. The breakfast starts at 8:00am (yawn) and will be down in the lower ballroom area. Lets all try to get there somewhere around 7:15am to ensure good seating arrangements. We are also hoping to receive a vendors list before we go to press. That to will be somewhere inside this newsletter providing it shows up Rainbow in time.

During the last week of April we called in your RAINBOWfest ticket requests. If you have not received your tickets and you are reading this article, CALL ME! I (Ed Hathaway) can be reached at 462-0694 anytime.

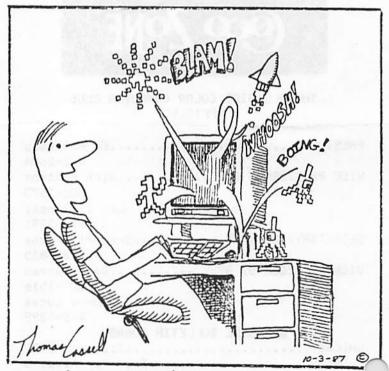
First off we need to pass along some over due THANKS to Greg Pietrucha and Rich Ekstrom for ALL the work and phone calls they made to see that everyone had the chance to order tickets. With a club as large as Glenside, believe me, contacting and making membership calls is a monumental task. Without the help of these two great folk, I'm here to tell you that something or someone would have fallen through the crack. THANKS AGAIN GREG AND RICH!

To recap our pre-RAINBOWfest activity, we have the one and only Len Zielinski taking care of the poster distribution. Again if you took posters, Len needs to know where you placed them. He provided you with every tool to report back to him, so PLEASE do so.

As mentioned, Greg Pietrucha is in charge of your ticket requests and Rich Ekstrom is in charge of setting up the man power for the Club booth at RAINBOWfest. During the Mammeeting we will be going over the duties that will be asked of you while working the booth. All-in-all, they are not difficult assignments providing you know and understand them.

As far as advanced ticket sales, request was almost 30% greater then last year. And better then 280% over the year before that! These percentages are just for RAINBOWfest tickets that you requested. It does not include the breakfast tickets or tickets sales that were/are being generated via the discount coupons you are handing out with the posters. When I called in our and mentioned the percent of request increase over last year, I heard welcomed echo of 'WOW!'. This sound ranks right up there with the 'RS-RAP & SHUFFLE' we get when asking our CoCo questions at some Radio Shack stores. Both are fun to hear and equally as entertaining...

That about wraps up all the advanced activities we were asked to perform and this issue of CoCo-1 2 3. I can not tell you all just how grateful we are for all the help and support you have provided and will provide during RAINBOWfest. This is once-in-a-year chance to really shine. A 'SHINE' you have! THANKS AGAIN...



WOW! NOW THAT'S WHAT I CALL
COMPUTER GRAPHICS.

APRIL MEETING REVIEW

As outlined in our 1988 Club Objectives, we promised that we would be doing more CoCo 1 & 2 software presentations. At the April meeting, it was nothing but CoCo 1 & 2. As a)matter-of-fact, I lost about fifty cents for even mentioning the CoCo 3! It was all in good fun and I believe we got our point across...

To start off the meeting Len Zielinski did a data base review using it as a mailing label and phone directory. Len uses his CoCo 1 and Pro-Color-File to keep track of some 500 names, address and phone numbers for his Senior Citizen Group. As Len mentioned, he has been creating this list for some time and has not lost one name or crashed the program during a sort since he started. Len also mentioned that the program could perform most if not all math functions if you wanted to set the data base up in an order entry format. THANKS AGAIN LEN FOR A SUPER PRODUCT PRESENTATION...

In closing out our CoCo 1 & 2 evening, I demonstrated Tandy's DISK GRAPHIC program and RS-DOS DYNACALC. Disk Graphic is one of those early Tandy programs that I consider 'a must have' if you need to generate graphs for your business. It is so easy to use and produces a very pleasing hardcopy. The programs only downfall is that you must enter the data into the program. It will not take in out side data from a spreadsheet, data base or text editor. This is a major short coming. However, when you consider that the program was released in the early 80's, just doing what it does is amazing!

The third software presentation was on the RS-DOS version of DYNACALC. As most will attest, DYNACALC is the finest electronic spreadsheet for the Color Computer that any money could buy. This version of DYNACALC has it all! It supports all sorts of major and minor math functions; Cross over cell features for math functions; Allows for field sorting; Full disk I/O including two types of ASCII save/load features; Full HELP screens; Custom hardware configuration; etc, etc... One of the great features of DYNACALC is its ability to produce on-line graphs of your data. This graphing feature allows you to produce different custom graphs for disk storage or hardcopy. Since DYNACALC was designed around the function calls of a VisiCalc or Lotus, learning is real easy if you currently are using any of the non-CoCo spreadsheets at you place of business. Because DYNACALC used areas of memory with the CoCo 1 & 2 that Tandy did not support, it will not work on the CoCo 3. For that

Tandy came out with an OS-9 version of DYNACALC that is top notch! Despite some of the missing features.

There you have it... A nut shell review of the CoCo 1 & 2 April meeting. In future meetings, we will be doing more presentations just for these systems so stay tuned to your CoCo-1 2 3 Newsletter.



G.A.S.
GLENSIDE ADOPTION SERVICE
By Ed Hathaway

It has been a little while since we last talked about 6.A.S. and by no means does that mean that we have dropped this project. Quite the opposite! Each and every month since we kicked off the program, I receive phone calls from you about you adopted Radio Shack store. This news is always welcomed and your request for Club flyers or newsletters are a joy to receive. To date Glenside has adopted some 10 stores. These are 10 stores that now know about Glenside and the tremendous support we can provide. We have received new members from this association and in the end have made friends with the store people. You are all doing a super job with G.A.S. so. keep it up!

With the coming of the Chicago RAINBOWfest, Tandy (i.e. Radio Shack) will have a
very large booth. This will be the perfect
time to introduce yourselves to the folk and
to let them know about Glenside and our
G.A.S. program. Since Tandy is one of the
discount leaders at RAINBOWfest, you will no
doubt spend a few moments hovering over
their tables. Hovering offers an excellent
opportunity to pass along the Glenside word.
We should have all new Club flyers to hand
out during RAINBOWfest, so make sure you
leave some behind.

Also, G.A.S. is not just for the Radio Shack store or their booth. Be sure to pass along good Glenside tidings to the other vendors attending the 1988 Chicago RAINBOWfest. They are just as much apart (if not more) of the G.A.S. project as Radio Shack...

If you have any questions about **G.A.S.** or need more Club flyers or newsletters, give me a call at 462-0694

WHAT A DIFFERENCE 52 YEARS MAKES! 1936 - 1988 (before computers)

By David Barnes

This month's article will have a little different feel to it than normal. I ran across a leaflet that I thought was amusing, so here goes...

If you were born in 1936, you were before the PILL and the population explosion. You were before TV, penicillin, polio shots, antibiotics and Frisbees, before frozen food, Nylon, Dacron, Xerox, Kinsey. You were before radar, fluorescent lights, credit cards, and ballpoint pens. For you timesharing meant togetherness, computers; a chip meant a piece of wood, . hardware meant hardware, and software wasn't even a word. In your time, closets were for clothes, not for coming out of, and being gay meant you were happy and carefree. In those days bunnies were small rabbits and rabbits were not Volkswagens.

You were before Batman, Rudolph the Rednosed Reindeer and Snoopy. Before DDT and vitamin pills, vodka (in the United States) and the white wine craze, disposable diapers, Jeeps and the Jefferson nickel. Before Scotch tape, the Grand Coulee Dam, M & M's, the automatic transmission, and Lincoln Continentals.

When you were in school, pizzas, Cheerios, frozen orange juice, instant coffee and Mc Donalds were unheard of. You though fast food was what you ate during Lent.

You were before FM radio, tape recorders, electric typewriters, word processors, electronic music, digital clocks and disco dancing.

Almost no one flew across the country and Trans-Atlantic flight belonged to Lindbergh and Amelia Earhart. You were before Israel and the United Nations, before India, Pakistan, Indonesia. Iceland Philippines were independent countries.

You were before pantyhose and drip-dry clothes, before ice makers and electric blankets. Before Hawaii and Alaska became states, before men wore long hair and earrings and women wore tuxedos.

You were before Leonard Bernstein, yogurt, Ann Landers, plastics, hair dryers, the 40 hour work week, the minimum wage. You got married first and then lived together. How quaint can you be?

In your day cigarette smoking WAS fashionable, grass was mowed, Coke was something you drank and pot was something you cooked in.

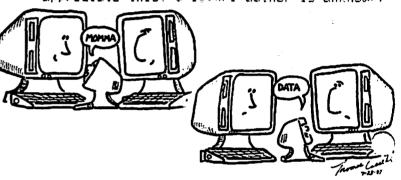
You were before coin vending machines, let planes, helicopters and interstate highways. In 1936 "made in Japan" meant junk, and the term "making out" referred to how you did on an exam.

In your time there were 5 and 10 cem stores where you could buy things for five and ten cents. For just one nickel you could ride the subway or make a phone call. or buy a Coke or buy enough stamps to mail one letter and two postcards.

You could buy a Chevy coupe for \$659.00. but who could afford it? Nobody! A pitu too. because gasoline was eleven cents a gallow. If anyone had asked you to explain ()A. NATO, UFO, NFL, JFK, or ERA, you would have said alphabet soup. You were not before the difference between the sexes was discovered. but you were before sex changes.....

and so it was in 1936.

Editors note: You might be too young to appraciate this! Original author is unknown.



-----> SAMSUNG 12" MONITORS <----HIGH RESOLUTION 80 COLUMN GREEN OR AMBER SCREEN WITH COMPOSITE INPUT. ONLY, \$50.00 MONOCHROME OR COLOR DRIVERS FOR \$5.00 FREE WITH PURCHASE OF MONITOR CALL ----> SOFCO <---- AT 312-983-4604 or 312-983-6100 -----><------

* Radio Shack 13" Composite Color Monitor for \$99. Call Steve Stroud at 695-3186.

CUSTOM E-PROM BURNING SUBMIT YOUR BINARY FILE (READABLE BY TRS-80 COCO, TAPE OR DISK) SPECIFY E-PROM TYPE (2716, 2732, 2764, 27128, 27256, 68766) CALL TONY PODRAZA AT (312) 428-3576 FOR CURRENT CHIP PRICES IF YOU HAVE YOUR OWN CHIP, WE WILL ERASE, BURN, AND VERIFY FOR ONLY \$5.00 *******************

TO STEAL OR NOT TO STEALthere are no questions!

This is a true story. The names have not been changed because the innocent are the victims while the guilty party lives happily modem after.

The other day I was talking with Douglas Pokorny. As some of you know Douglas and Gil Winograd co-authored the program BSE - Basic Screen Editor. Both Douglas and Gil are club members and when BSE was available for sale, they offered it to the Club at a discount savings. I believe about 10 or so members took advantage of this deal for two reasons: 1) The program was and is quality. 2) The price being offered was very good. would think that this kind of arrangement would have been a 'win-win' situation. And it was! You were able to buy good software at an affordable price with Douglas and Gil getting some money rewards for their efforts. However, the up side of this story stops right there.

While talking with Douglas, he mentioned that while on an out-of-the-area BBS, the (System Operator) mentioned that someone had uploaded BSE for the world to get at. This upload was done before BSE was available through Howard Medical Computers, so the program was sent by one of us! Neither Douglas, the BBS SysOp, nor I know who did the upload and quite frankly I don't care. What I do care about is the fact that the deed was done in the first place. Who ever you are, HOW DARE YOU! I can not put in print the feelings that I have for this cretin. I'm ashamed not for you, but for the Club as a whole. It has taken Glenside a good many years to get members into our ranks with the programming talents that Douglas and Gil possess. To have your actions jeopardize this relationship is inexcusable. What did you hope to gain? If you were looking for recognition, well you have it. The road to illegal recognition is paved with sorrow. Your pitiful actions are only exonerated by the ill-bred of your lineage... If this is starting to hit home, then BINGO, DIRECT HIT!

Up until this point, I as President of the Glenside Color Computer Club have been real quiet about software stealing. I have always maintained one simple rule: You elected me to run the Club to the best of my ability. You did not elect either me or the other officers to preach moralities. That is not the job of a club officer or the club as a phole. Our job in part is to make sure that it does not happen during club events or meetings. We have maintained this simple

rule and I believe we have our house in the proper order to state so. BUT your actions just might have to change the way we conduct ourselves either as club officers or members at large. Your selfish need for recognition just might force Glenside to tighten the reigns on our membership policy, club activities, available club discounts on product and/or curtail our meeting presentations.

They say that the 'actions of the few will dictate the many' might best describe what directions Glenside will take in the future. I will leave it up to the membership on just what we should do. For you see, I believe that the majority must prevail at all costs! Consider yourself lucky that phone lines can't talk or that software serial numbers were not imbedded. However, that is where your luck ends!

Since we consider Glenside as a family group, you have stolen from family! And since your despicable action was done with malice and intent, the Glenside family has no other choice but to hold you responsible for your act: Yes my narcissist friend, you have achived the ultimate form of recognition. You have reached a plateau in your protozoan life that no one welcomes or condones.

TO STEAL OR NOT TO STEAL, the choice was yours and yours alone to make. Our choice will be swift and direct and once we begin, I would hope that you have learned the fine art of hiding! Believe me, we have no room for prisoners....

Ed Hathaway, President Glenside Color Computer Club of Illinois

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> Tony Podraza David Barnes

SELLING A COMPUTER

by: Ed Hathaway

I do not know what company placed the first ad on television in an attempt to sell a computer, but it now seems that just about every other commercial is either selling one or using one to create a statement. In the early stages of this Madison Avenue madness, computers were depicted as the second coming. The ads inferred that a family without one of these boxes of silicon magic was no better then a family without central plumbing in their home! Like all good professional ad campaigns the message overtones were designed to establish a since of ignorance on the consumers behalf while celebrities made the pitch. It's a common . and effective practice that produces sale upon sale. The late P.T. Barnum would have been proud knowing that his selling technics had made the transition to High Tech! Even after years of computer evolution, one can still see companies using the same old tactics to sell their computers, "TALK DOWN TO THE CONSUMER, AND PLAY ON THEIR IGNORANCE. Let us look at a few of these commercials and you be the judge.

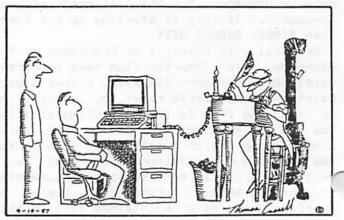
- * An average family calls their son who is in the Army (Atomic Division). The family is seeking help from their seemly far superior offspring. There is an exchange of vidal information such as 'how the computer talks to the printer' and 'what a modem is'. Indeed this average family is saved from total embarrassment with this wealth of new found knowledge. As the camera is fading to black, we see the son in full military uniform still on the phone surrounded by tables of Apple Computers. I'm positive they must be there waiting for the next SAT-COM ALERT! I know we all will sleep well tonight knowing there are Apple's adding the defense department... BE ALL YOU CAN BE!
- * A two voice conversation with only eyes and lips smearing the TV screen. One voice bellows out how he impressed his client by establishing a BS WORK STATION HANGING OFF HIS WANG WITHOUT THE SUPPORT OF IBM (say what?). The conversation closes with the same voice saying, "My client was so amazed that he was on his hands and knees looking for the cables!" If it were we, I'd be looking for the 'JN' hoping for a '#2' movement...
- * A lily white, hair-less encounter between customer and computer representative agree on a computer system. We're not sure if the sale was successful because of the 'free

being offered. A sale and a handshake in just 30 seconds, CLEARLY SUPERIOR!

- * How can you not want to buy a Big Blue Computer when such noted celebrities as:
 Lets make a deal Radar, Adulterer Ferret Face, humble pie Potter, you can't surviv without me Trapper and the ever so sultre, any port in the storm Hotlips is peddling their wares... Enough said!
- * This brings us to the Club's computer. We witness an exchange between husband and wife. Hubby is reminiscing about how much fun he had with his wireless radio so many years ago. Christmas morning little Johnse is playing a RomSlot shoot'em up game on his new Computer III while dear old Dad is salivating in the back ground waiting to use RomWrite II. We can live with the game part, but either Dad has a VERY LONG extension cord or a few screws loose. I have never see a printer or other data storage media near the computer. On well, why don't we play a few innings of PMODE3 stickball on a 64 color Computer III. Now that is TECHNOLOGY!

These bit bucket retorts could so on and on. The next time you see an ad on TV for computers just remember, they are just trying to sell your wallet (not your mind) something. Closing out this article I am reminded of a TV ad that the Fruit Computer Company ran (only once) during a few sup bowls ago. Maybe you remember seeing a parade of Blue Suited MBAs' marching up the mountain together. Each one following the other and one by one falling off the cliff. This was by far the most innovated and effective commercial that ANY computer company has EVER used. This one ad almost convinced me to enter into the Garden of Eden and bite into the forbidden fruit...

Ed Hathaway is the President of the Glenside Color Computer Club of Illinois and the Newsletter Editor. Ed is also a co-owner of Second City Software.



RON, ISN'T IT TIME TO GET A NEW PRINTER?

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**** GLENSIDE HARDWARE SALE ****
* 1 RS-300 Baud Modem II
    Auto Answer/Dial...$30.00 *
* 1 PbJ Word-Pak I.....$25.00 *
**** GLENSIDE SOFTWARE SALE ****
* MUSICA RAM DISK (CC3 ONLY) *
* Speech Systems.....$5.00 *
* CoCo 3 MEMORY TEST Speech
* Systems.....$5.00 *
* CoCo 3 RAM DISK (512K)
* Speech Systems......$5.00 *
* HARDCOPY (for either DMP-200 *
* 105, Gemono 10X or SG-10)
* Computize.....$10.00 *
* TERMTALK: Del Software.$5.00 *
* REAL ESTATE INVESTMENT
* Petrocci Freelance....$10.00 *
* ORDER ENTRY SYSTEM: Mark
* Data....$25.00 *
* CHECK LEDGER SYSTEM
* Computerware.....$15.00 *
* DISK COLORCOM/E: Eigen
* Systems.....$10.00 *
* DATAPACK II: Cer-Comp.$25.00 *
* DATAPACK II: Cer-Comp.$25.00 *
* THE LAST WORD (OS-9)..$20.00 *
* DATABANK MANAGER
* Computerware.....$10.00 *
* OTERM: New World
* Technologies, Inc....$15.00 *
* FLEX Operating System
Frank Hogg......$30.00 *
🚁 XDMS DATA MANAGEMENT SYSTEM 🔸
* (must use FLEX Operating
* System): Bill Adams...$30.00 *
* GRAPHICOM PART II
* Computize.....$10.00 *
* DISK COLORCOM/E V2: Eigen *
* Systems.....$10.00 *
* COLORCOM/E ROM CARTAGE V3 *
* Eigen Systems......$5.00 *
* ELITE*FILE.....$25.00 *
* ELITE*WORD (PBJ Ver)..$25.00 *
* ELITE*COMM (PBJ Ver)..$10.00 *
* ELITE*CALC (CoCo1&2)...$5.00 *
* ELITE*WORD (OS-9 L1)..$25.00 *
* VIDTEX w/PERSONAL COLOR
* RADAR: CompuServe.....$2.00 *
* FORMAKER 1.0: Challenger *
* Software.....$10.00 *
* XTERM: Microtech.....$20.00 *
* TRSCOPY (05-9 L1)....$10.00 *
* T/S WORD (OS-9 L1)....$15.00 *
******
* Contact, Ed Hathaway for all *
* above sale items at 462-0694 *
* 'ALL' items are original and *
* the asking prices are ferm! *
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ONE TANDY CENTER

By Ed Hathaway

This past month, Tandy introduced the latest in CD (Compact Disk) technology. Coming soon to a Radio Shack near you will be a CD machine that not only plays but records as well. According to the news reports, the CD player/recorder will allow you to play, record and errace (for use again) the CD disk. Where the news report centered on the music industry, this new CD unit will no doubt be adopted for computer use, SOON!

This new technology will open up quite a few new avenues regarding computer media storage. I've been told that one CD disk can hold an entire encyclopedia with ample room for up-dates. CD disks are currently being interfaced with computers on a 'read only' basis. This new CD introduction coupled with the computer will throw hard drives into the stone age! I've been told that one CD disk can hold up to 60 GIGA BITES of data storage! Since a GIGA equates to 'one billion', well you do the math... The true wonder of using a CD machine with a computer is two fold; 1) It is very small and portable. 2) CD disks are removeable. Unlike a hard drive, once you have loaded up a CD disk, just take it out and replace it with a new CD disk. What we are talking about here is having a pseudo floopy disk capable of storing '60 BILLION BITES OF DATA'... We have been reporting all along that a player/recorder CD would be out. We did not know that Tandy would be the front runner with this new technology.

Since this new CD player/recorder is designed to allow you to record music (I'm sure via a standard RCA audio jack), modifying it to except computer data would be simple. Us CoCo folk might have a leg up on the so called 'other computer systems' because we already have a cassette I/O port, serial I/O port and a disk I/O port built in... So chances are good that little or no hardware modifications would be needed to interface this new CD machine with the CoCo.

There is a monthly magazine out there called CD ROM that is exclusively for the CD machines and their applications. They have been reporting on this read/record machine for some time and providing a lot of answers. If a CD player/recorder is in your future buying plans, I would suggest getting your hands on a copy of this magazine. Chances are good that this new machine will retail around the \$800 range to start. I'm sure more news will be forthcoming...



WELCOME TO THE 1988

CHICAGO RAINBOWfest

ICCA, YOUR ILLINOIS CONNECTION FOR TANDY'S COLOR COMPUTER

GLENSIDE COLOR COMPUTER CLUB

RAINBOWFEST HOST CLUB
SERVING CHICAGO AND THE WESTERN SUBURBS
CONTACT: Ed Hathaway 312-462-0694

COOK COUNTY COLOR COMPUTER CLUB

SERVING CHICAGO AND THE SOUTHERN SUBURBS CONTACT: Tony Nowakowski 312-895-0393

ILLINOIS COLOR COMPUTER CLUB OF ELGIN

SERVING THE NORTHWEST SUBURBS OF CHICAGO CONTACT; Tony Podraza 312-428-3576

CONTINUED SERVICE AFTER THE SALE; ICCA

PROCAM SCHEDULE

Time	Event	Speaker	Location	
	Friday, N	lay 20		
7 p.m	Exhibits Open			
10 p.m.	(No Seminars)			
Saturday, May 21				
8 a.m.	CoCo Community Breakfast	Dan Bruns Keynote Speaker	Atcher/Kessel/ Aigner Rooms	
10 a.m.	Exhibits Open	•	•	
11 a.m.	Organizing a CoCo Club	Ed Hathaway David Barnes	Kessel	
11 a.m.	OS-9 for Absolute Beginners	Cray Augsburg	Sarah's Grove	
11:30 a.m.	Beginnar's Overview of OS-9	Dale Puckett	Aigner	
12:30 p.m.	Elements of Programming Games	Dale Lear	Sarah's Grove	
1 p.m.	Drive Installation, Operation and Maintenance	Tom DiMarco, Sr.	Kessel	
1:30 p.m.	Creative Uses for CoCo Max	Logan Ward	Aigner	
2 p.m.	Introduction to RAINBOW's CoCo SIG on Delphi	Don Hutchison	Sarah's Grove	
2:30 p.m.	Monitor Interfacing	Ross Litton	Kessel	
3 p.m.	CoCo Consultations	Marty Goodman	Aigner	
3:30 p.m.	Music and MIDI	Richard Parry Cecil Houk	Sarah's Grove	
4 p.m.	Integrating CoCo 3 Into Organizational Work	Buddy Hogan	Kessel	
6 p.m.	Exhibits Close			
Sunday, May 22				
11 a.m.	Exhibits Open			
11 a.m.	Writing Commercial Software	Rick Adams	Kessel	
11:30 a.m.	CoCo Consultations	Marty Goodman	Aigner	
12:30 p.m.	OS-9 for Absolute Beginners	Cray Augsburg	Kessel	
12:30 p.m.	Originality in Game Programming	Dale Lear	Sarah's Grove	
1 p.m.	Beginner's Overview of BASIC09	Dale Puckett	Aigner	
2 p.m.	Writing for Publication	Jutta Kapfhammer	Kessel	
2 p.m.	Writing in BASIC	Bill Bernico	Sarah's Grove	
2:30 p.m. 4 p.m.	Spreadsheets for the CoCo Exhibit Hall Closes	Dick White	Aigner	

John (Tony) Podraza 119 Adobe Circle Carpentersville IL 60110





