# NOCCC meetings for Sunday April 7, 2024

## MAIN MEETING -

**President Robert Strain** will do a presentation on how network addressing and TCP/IP works to help understand the main protocol used by the internet.

## Special Interest Groups (SIGs) & Main Meeting Schedule

**9:00 AM – 10:30 AM**

***Beginners Digital Photography ...........Science 129***
Questions and Answers about Digital Photography

***Linux for Desktop Users………………Science 131***
Beginners' Questions about Linux

**10:30 AM – 12:00 PM Noon**

***3D Printing .................................Science 127***
Questions and Answers about 3D printing

***Advanced Digital Photography… ........Science 129***
Questions and Answers about Digital Photography

***Linux Administration ...........................Science 131***
More topics about the Linux operating system

***Mobile Computing ................................Science 109***
We discuss smart phones, tablets, laptops, operating systems and computer related news. **We need a new leader.**

**12:00 PM Noon – 1:00 PM**

***3D Printing…………………………………… Science 127***
Questions and Answers about 3D printing if requested.

***PIG SIG ………………………………………….. Irvine Courtyard***
Bring your lunch. Consume it in the open-air benches in front of the Irvine Hall or join the group that goes to the student cafeteria. Talk about your computer(s) and life experiences.

## 1:00 PM – 3:00 PM Main Meeting

**……………..…….. Science 131**

**3:00 PM – 4:00 PM**

Board Meeting………………………………………………
*Science 131*

Verify your membership renewal information by checking your address label on the last page. If it is not right, let the treasurer know.

**Mark your calendars for these meeting dates**
**2024:Apr 7, May 5,** Jun ?

Coffee, cookies and donuts are available during the day in room 131 .
Food and drinks need to remain outside the Irvine Auditorium.

## "Friends Helping Friends"
## since April 1976

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**Again, verify your membership renewal information by checking your address label on the last page**

 **Special email addresses**
**Jim Sanders is: editor@noccc.org**
**membership@noccc.org**

 **Our Website**
**WWW.NOCCC.ORG**

# Reminder: Membership expiration dates are based on the date that you joined the club. **Example**, you joined or re-upped your membership in the club in October of 2023. That means that in October 2024 you should pay your membership dues. In the address label area of the Orange Bytes is your join month/ expiration month.

# Reprint Policy

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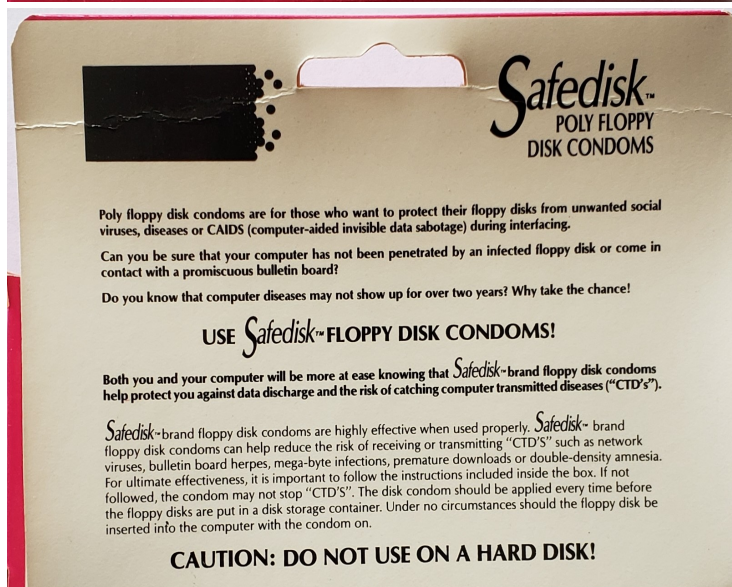
# Board of Directors

## Editor's Report

## ODDS & ENDS

Nvidia plans to ship its new Blackwell B202 Gaming GPUs (Graphics Processor Unit) in 2024. It is said to have a significant increase in transistor density compared to the older H100 series. Nvidia's GH100 processor (4N) has a die size of 814 mm^2 and packs 80 billion transistors, so its transistor density is around 98.28 million transistors per mm^2. Nvidia has not yet disclosed the die size of GB200, but the rumors are that each of its chiplets should be very close to the reticle size limit, which is 858 mm^2. Assuming that one GB200 chiplet is indeed 858mm2, then its transistor density 121.21 million transistors per mm^2, which is quite an achievement in terms of inter-node transistor density increase.

So, to put all of that in perspective, the square root of 858 is 29.29 mm on a side..   1mm=0.03937 inch. That converts to 0.03937 inch X 29.29 = 1.15315 inch. Therefore, in a little over 1 square inch, the chip technology can pack 103,980,180,000 transistors. That is enough transistors to make almost 21 million of the original Intel 8080 CPU, which had 5,000 transistors, Still, as a computer, the 8080 was enough to run the CPM OS, Basic, and even Fortran 80. Albeit, a little slow by today's standards.

Every **SAFEDISK** ™ brand condom is individually tested and rolled for your convenience an protection.



## *Congratulations*
## You have purchased the ultimate in floppy disk protection. Safedisk ™ The poly floppy disk condom for use on your floppy disk.

A little known cause for "CTD's" (Computer transmitted diseases) is your floppy disk storage container. While you're away, your floppy disks could be tempted to interface with a promiscuous infected diskette. Can you be sure that your diskette will practice safe interfacing? For your peace of mind, Safedick brand condoms will help protect your disks from contracting those unwanted social diseases, viruses and CAIDS" (Computer-aided invisible data sabotage).

### Before using this product, the instructions must be followed carefully.

1. Place Safedisk floppy disk condoms over your disks whenever you plan to store the diskettes or when there is the possibility of contracting CTD's or CAIDS from promiscuous terminals.
2. Unroll the floppy disk condom to completely cover your floppy disk.
3. Place your floppy disk in one hand and slowly insert the diskette into the condom. If the condom does not fit the diskette properly (too big or small), make sure you are not trying to impress your friends by using the wrong size. There is a specific size condom for each size diskette. Do not use any lubricant (vegetable, hot flavored or scented oil, etc.) to convince your friends that yu have the right size. This will only damage the diskette and result in LIMPOUS DISKOUS.
4. Take the condom covered diskette and slowly insert it into the diskette sleeve. If the diskette sleeve in not cooperating, turn on some soft music, open a bottle of fine wine, turn down the lights and proceed like any normal dude.

*Editors note: The rest of the instruction get a little too risqué to publish.*

## A LITTLE MORE HUMOR

The Lone Ranger and Tonto walked into a bar and sat down to drink a beer. After a few minutes, a big tall cowboy walked in and said "Who owns the big white horse outside?"
The Lone Ranger stood up, hitched his gun belt, and said, "I do...Why?"
The cowboy looked at the Lone Ranger and said, "I just thought you'd like to know that your horse is about dead out there!"

The Lone Ranger and Tonto rushed outside, and sure enough Silver was ready to die from heat exhaustion. The Lone Ranger got the horse some water and soon Silver was starting to feel a little better.
The Lone Ranger turned to Tonto and said, "Tonto, I want you to run around Silver and see if you can create enough of a breeze to make him start to feel better. Tonto said, "Sure, Kemosabe" and took off running circles around Silver.
Not able to do anything else but wait, the Lone Ranger returned to the bar to finish his drink. A few minutes later, another cowboy struts into the bar and asks, "Who owns that big white horse outside?"
The Lone Ranger stands again, and exclaims, "I do, what's wrong with him this time?"
The cowboy looks him in the eye and says, "Nothing, but you left your Injun runnin"

| Membership Level ($) | 1 Year | 3 Years |
|---|---|---|
| Individual Member ......................................... | 35 | 90 |
| Each Additional Family Member .... ................ | 15 | 40 |
| Full-Time* Enrolled College Student | 20 | |
| Enrolled High School Student | 15 | |
| *Minimum 12 Semester Hours | | |
| | | |
| Business Member + Ad (Business Card) | 25 | |
| Business Member + Ad (¼ Page, ½ Page) | 65, | 100 |
| Business Member + Ad (Full Page) | 175 | |
| Contributing Member | 75 | |
| Supporting Member | 100 | |
| Advocate Member | 250 | |
| Patron Member | 500 | |

Directions to the NOCCC meeting location



Irvine Hall ===>

An International
Association of Technology
& Computer User Groups

Enter CA-55 N (Costa Mesa Freeway) crossing Interstate 5 toward Anaheim/Riverside for 9 miles. *Notice freeway and street signs stating "Chapman University."* Exit toward E Chapman Ave. Turn right onto N Tustin St. Turn left onto E Walnut Ave.

1) Turn left past N. Center St. for the **best place to park** in the underground parking structure ( Lastinger under the sports field). Pay the small fee ($2) to park Ask members or help@noccc.org about parking details, restrictions, and our price break!

2) Turn left onto N Center St. On the right is the Hashinger Science Center, 346 N Center St. Orange California. Parking on the University side is free. Parking on the residential side is a city violation that may cost you a **tow away and a ticket!**