



range Bytes

Volume 50 No 1

January 2026

\$1.50

NOCCC meetings for Sunday January 11, 2026

MAIN MEETING FOR THE START OF 50 YEARS

Believe it! NOCCC HAS BEEN MEETING since 1976!

Chapman Student Tiffany Le will present:

The Multi-Agent System on 1-11-26

Special Interest Groups (SIGs) & Main Meeting Schedule

9:00 AM – 10:30 AM

Beginners Digital Photography**Science 131**

Questions and Answers about Digital Photography

Linux for Desktop Users.....**Science 129**

Beginners' Questions about Linux

10:30 AM – 12:00 PM Noon

3D Printing**Science 127**

Questions and Answers about 3D printing if requested

Advanced Digital Photography.....**Science 131**

Questions and Answers about Digital Photography

Linux Administration**Science 129**

More topics about the Linux operating system

Mobile Computing.....**Science 109**

We discuss smart phones, tablets, laptops, operating systems and computer related news. **Waiting for 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 – 3:00 PM Main Meeting

What is a multi-agent system (MAS). It is a collection of specialized, autonomous AI agents that work together, communicate, and coordinate to solve complex problems too difficult for a single agent, much like a human team with different experts collaborating on a project to achieve shared or individual goals, often involving distributed control and dynamic interaction. These systems break down big tasks into smaller parts, assign them to focused agents (like a writer, coder, or searcher), and then combine their specialized outputs for a comprehensive solution, enhancing efficiency and adaptability.

BOD.....3-4PM..... Science 129

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
2026: Jan. 11, Feb. 15, Mar. 1, Apr. 5, May 3

Coffee, cookies and donuts are available during the day in room 129 .

“Friends Helping Friends” since April 1976

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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 November of 2024.

That means that in November 2025 you should pay your membership dues. In the address label area of the Orange Bytes is your join month/expiration month.

A thought to consider; The only reason the club has been able to continue functioning financially after Covid is a generous donation in the will of a former member. Could you do a small donation ?

Reprint Policy

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editor@noccc.org.

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Editors Corner

At our December 7th meeting, Chapman University student Devyn Miller presented "The Psychology of Neural Networks "



Devyn used the white board a number of times to draw examples of a number of concepts that she covered. Neural Networks was one of the main concepts that were made easier to understand with the drawings on the white board. She explained how a wide range of topics are assisted by AI.

EDITOR: Devyn's presentation and the interaction between her and the audience precipitated my desire to to learn more. I found data on a company called PwC that customizes AI use for clients. After reading about what it does in general, an interesting question came to mind.

Are sections of the Federal government using PwC Agent OS AI in their evaluation and planning?

GOOGLE: In 2025, various sections of the federal government are increasingly integrating PwC's methodologies and platforms, including **Agent OS**, into their AI evaluation and planning processes.

While many specific agency-level deployments remain confidential, the overall adoption is driven by the following trends:

- **Standardized AI Strategy Support:** As of late 2025, several major federal agencies—including the **U.S. Department of Homeland Security (DHS)**, **Department of Energy (DOE)**, **Department of State (DOS)**, and **Department of Veterans Affairs (VA)**—have published AI strategies to meet a December 29, 2025, deadline for detailed procurement and acceptable-use policies. PwC's "Responsible AI" framework, which is natively integrated into Agent OS, aligns directly with these new federal standards set by the **Office of Management and Budget (OMB)** for inventorying and risk-tiering AI use cases. **So the answer is YES! Big time.**



A MODERN MOUSE

I just got a new Logitech MX Master 3S mouse for my home computers. It has been a long time since I upgraded my computer mouse and there are specific advantages to this new one I bought at Micro Center in Tustin (also on Amazon):

1. Multiple Bluetooth connections for up to three different computers. Yes, use one wireless mouse on your desktop with multiple computers.
2. Though I have not yet tried it, the description says it can copy files from one computer to another by click-and-drag!
3. 3-month Li Ion battery charge life and recharge in minutes from a USB Type C source.
4. 8000 dpi high resolution, an advantage if using Photoshop (or, games); works even against clear glass desktop. In fact, I've not found any surface it won't work against.
5. The mouse wheel is selectable between continuous, high-speed, high-inertia spin and step-wise detent. A button just behind the scroll wheel alternates between the two wheel modes.
6. Separate thumb-accessed scroll wheel for horizontal scroll in Excel, Word, browser and other applications. The effect of this thumb wheel is selectable in various applications; major choices are horizontal scroll and zoom in/out.
7. There are other buttons I likely will never use! With enough use, you might remember what you programmed them all to do; I just ignore them! I'm finding that needing just one mouse for multiple, side-by-side computers is very convenient.

I have numerous Excel worksheets that are wider than my computer screen. The separate thumb wheel works great to scroll Excel horizontally; that is the default operation.

The free Logitech software allows you to program some functions to do different things in different applications. I really like having that thumb scroll wheel!

The Logitech software shows the remaining battery charge. Even left "ON" for nearly a month, the reported charge life has dropped only to 85%.

Yes, the mouse looks a bit different but it fits my hand well. I was not sure about the thumb rest but it was immediately comfortable. Now my thumb does not drag on my desktop as I move the mouse.

I've used it in place of all my other computer mouse and have not had any problems or compatibility issues; the Bluetooth link immediately paired on three computers.

Key take-away: horizontal scroll thumb wheel is great!..

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Larry McDavid W6FUB

Anaheim, California (SE of Los Angeles, near Disneyland)

North Orange County Computer Club

**Dr. Donald Armstrong
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To All Members:

The line above your mailing address now shows your joindate. Please use your join **month** to choose when to renew your membership.

Dated Material – Please deliver ASAP

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



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!**