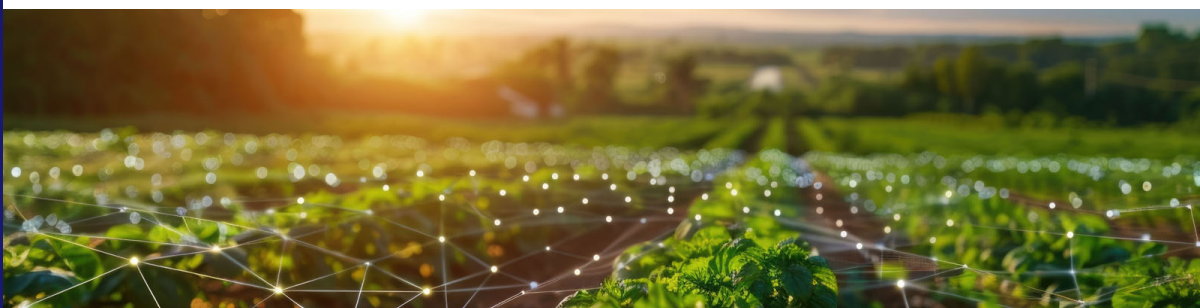


# CENIC

Newsletter

December 2025

In this newsletter you will find information about California's research and educational communities in action via CENIC's high performance network and services; information about how your colleagues are using these services; and information about networking-related events, funding, new programs, and awards.



## **CENIC and San Diego Supercomputer Center Create Sustainable Agriculture for California's Future**

If California agriculture is to keep growing in quality and yield, it must prepare new generations of farmers that will apply the latest technology to agriculture. CENIC's networking and services—including the [CENIC AI Resource](#) (CENIC AIR)—can be a vital part of this by turning the farm into an educational setting and improving the work-life balance of farming as a career. Highly local farms and their specific crops can also be

linked to local educational institutions, ensuring that tech-related economic benefits accrue to rural regions and not just to a few large urban centers. At the same time, applying CENIC AIR resources can allow all types of agriculture to adapt to changing weather and climate conditions, especially as these relate to water use and availability. [READ THE ARTICLE >](#)

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## **The Big Game Is Big Data: How CENIC and the California Research and Education Network Support Member Athletics**

In advance of [Fresno State University](#) joining the [Pac-12 Conference](#) in 2026, the television network CBS contracted with Pac-12 to broadcast several Fresno State football games, the first of which would be aired on September 13, 2025.

To ensure a smooth turn-up, a network connection between Fresno State and [Pac-12 Enterprises'](#) own network had to be planned by the team, physically and logically created, and tested well before this date.

Since Pac-12 Enterprises connects to Internet2, this placed CENIC at a convenient crossroads for all parties. [READ THE ARTICLE >](#)

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## **The Expanding List of CENIC AIR Participants**

Work continues at two CSU campuses—[Cal Poly Pomona](#) and [Fresno State University](#)—on setting up the [Science DMZs](#) that will enable the hosting of equipment and participation in [CENIC AIR](#) and the [National Research Platform](#) (NRP) for students and faculty at these campuses. Several CSU campuses already host equipment and participate, including [San Diego State University](#), [CSU Fullerton](#), [CSU San Bernardino](#), [Cal Poly Humboldt](#), [Chico State University](#), [CSU Monterey Bay](#), and [Sacramento State University](#).

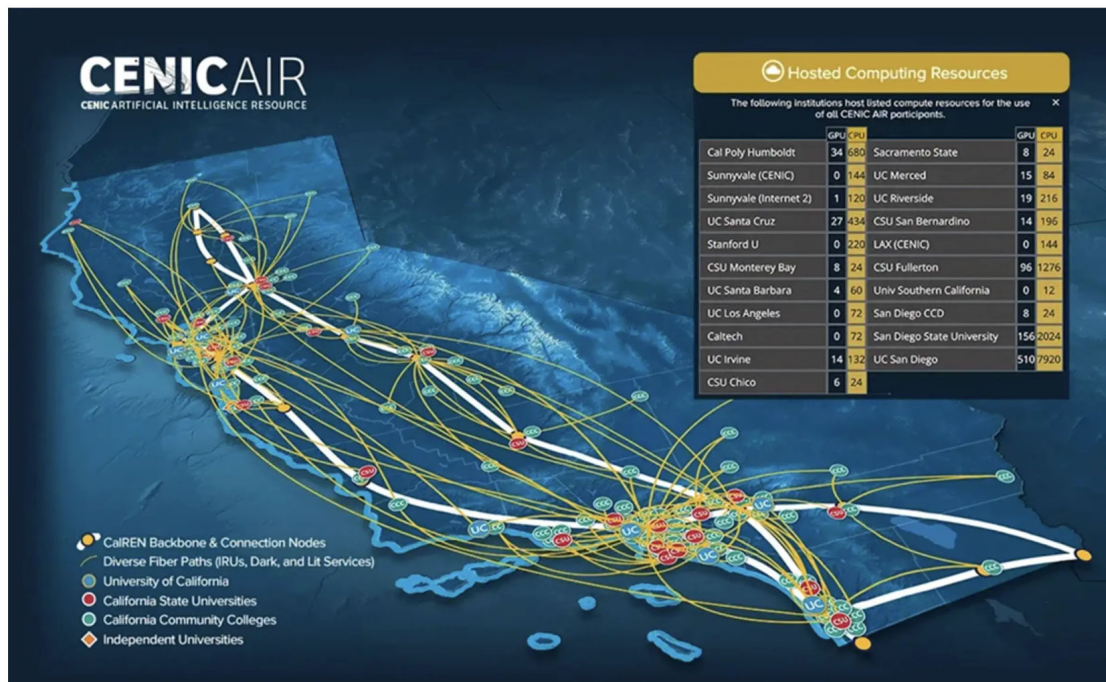
In addition to faculty and students at the campuses listed above, those at [CSU Bakersfield](#), [CSU Northridge](#), [CSU Stanislaus](#), [Cal Poly San Luis Obispo](#), and the [CSU Chancellor's Office](#) are currently making use of CENIC AIR as well..

Among California's Community Colleges, the [Los Angeles Community College District](#) (LACCD), the largest community college district in the US, has joined the [San](#)

[Diego Community College District](#) (SDCCD) in connecting to CENIC AIR and hosting equipment.

[CSU San Bernardino](#) has also invited students and faculty from the [San Bernardino Community College District](#) (SBCCD) to take advantage of its free and robust high-performance computing (HPC) resources via dedicated JupyterHubs. These include CSU San Bernardino's own HPC resources as well as those available via CENIC AIR and NRP.

[LEARN MORE >](#)



## Enabling Network-Based Collaboration Around the World: A Tour of CENIC and Partner Network Maps

Not only does the [California Research and Education Network](#) (CalREN) backbone extend to member institutions in every part of California but it also connects to other research and education networks in the US and beyond, distributed international peering facilities, major cloud providers, and the commercial Internet. CENIC not only connects to these networks, providers, and facilities but also participates in the discussions and governance that make them possible, representing your interests and those of California's research and education communities around the world.

On the [Network Maps page](#) at our website, you'll find maps of all these networks, peering facilities, and exchanges, showing how thousands of CENIC members connect to CalREN, and thus, to colleagues all over the globe. [READ THE ARTICLE >](#)

**CENIC Members Bolster the Economy by Expanding Digital Literacy in**

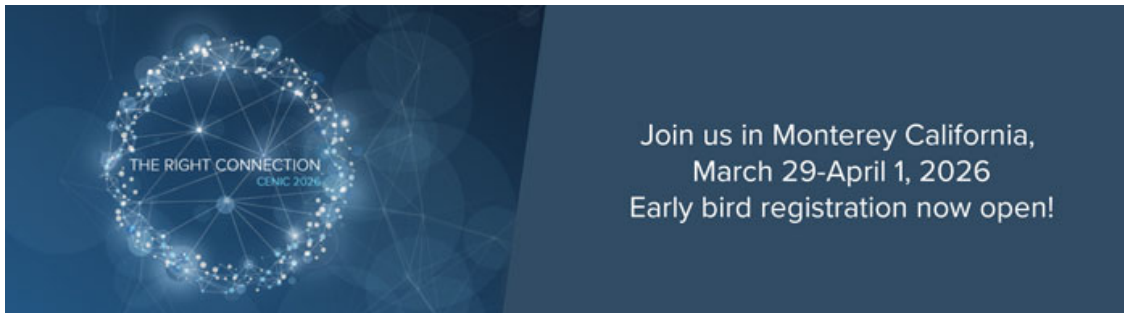
## California

As California continues its work to expand access to broadband connectivity for its communities, parallel work is taking place within those communities to ensure that people have the skills needed to get online and make the most of that connectivity.

Surveys by the [National Skills Coalition](#) estimate that more than 90% of today's jobs require applicants to have some level of digital or online proficiency, yet nearly 30% of U.S. working-age adults lack the skills to fulfill those roles.

Members of [CENIC](#) are working to improve those numbers, both by supporting initiatives aimed at creating digital access for more Californians and by creating programs to enhance digital literacy once those people have been connected. [READ THE ARTICLE >](#)

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## CENIC Biennial Conference The Right Connection Early Bird Registration Ends Soon!

Early bird registration closes tomorrow for The Right Connection 2026, March 29 - April 1. **The early bird rate is \$450, which will go up to \$500 on December 13th, 2025.** Make sure to take advantage of the special rate before that date!

CENIC's biennial conference brings together the CENIC community, with participants from all segments; public and private research universities; public libraries; scientific, cultural, and performing arts institutions; private sector technology businesses; public policy and government agencies; as well as R&E partners from across the country and around the world. More details can be found on the [events page](#).

The Proposal submission deadline has passed. The program committee will review proposals, and presenters will be notified of acceptance by **December 19, 2025**. Final presentation slides are due by **March 12, 2026**.

Questions about the program or proposals can be emailed to [jaugst@cenic.org](mailto:jaugst@cenic.org).

[Register Now](#)

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## Learn More About CENIC Stars: The Team Members that Make You Shine

Anthony Crandall has exemplified what it means to be a CENIC Star since he joined the organization as an NOC intern. Since then, he has made a seamless transition to his role in Administrative Services. Fundamental to the organization's efforts and the network, he and the team support administrative tasks, office facility management, purchasing, shipping, receiving, inventory, reimbursements, and managing in-office events. The work is ad hoc, and Anthony is always flexible and willing to assist.



Anthony Crandall

Recently, Anthony has stepped up in his role as lead of Administrative Services. As such, he has gone above and beyond by joining management meetings, which surpasses his role and job requirements. [LEARN MORE >](#)



CENIC COMMUNITY TECHNOLOGY AFFINITY GROUP

### CENIC Community Technology Affinity Group's Next Meeting: December 16, 2025

The [C2TAG](#) is a forum for representatives from all CENIC member segments to share information and expertise about network technologies, creating a community of like-minded professionals who serve their colleagues as trusted advisors. It also allows members to engage CENIC staff and explore recently deployed network services and their applications among CENIC segments.

Membership is open to those at all CENIC member institutions, and the next C2TAG meeting will take place on **December 16 at 11am PT**. You can join CENIC and Dr. Ben Izadi from Cypress Community College on December 16, 2025, from 11 AM-12 PM PST, for a special C2TAG webinar about CENIC's Internship opportunities. We will discuss the partnership between CENIC and Cypress Community College, including its history and evolution, as well as the benefits of the program over the years. Several program alumni will discuss their experiences during and after the program.

If you'd like to join and take advantage of everything the C2TAG has to offer, you can learn more [here](#). [LEARN MORE AND JOIN TODAY >](#)

NETWORKING NEWS

- ['We do giant race tracks across the ocean': Chasing California's mega-storms and atmospheric rivers](#)
- [This new AI tech creates custom deep brain stimulation to help Parkinson's patients who have trouble walking](#)
- [CSU's far-reaching impact extends learning beyond campus boundaries](#)
- [CENIC and Iron Horse Vineyards Celebrating One-Year Anniversary Of Innovation](#)
- [MoU Signed by Indiana U, Coalition of Interoperable Networks for Japan and International \(CINJI\) and Pacific Wave](#)
- [TeraNet launches as Australia's first optical laser communications network](#)
- [CSU Transfer Success Pathway Opens Doors for Community College Students](#)
- [CA Community Colleges Helping Veterans Translate Military Experience into Academic Achievement](#)

## EVENTS & PROGRAM OPPORTUNITIES

- [Internet2 TechEX, December 8-12, Denver, CO](#)
- [Contribute to NSF Workforce Development Roadmap, Deadline January 15](#)
- [NSF Accelerating Research Translation Funding, Deadline January 26](#)
- [CISOA 2026 Technology Summit, March 9-12, Riverside, CA](#)
- [CommEX26: Internet2 Community Exchange, April 13-16, Chicago, IL](#)
- [CCC Innovations Conference, March 15-18, Indianapolis, IN](#)
- [Global Peering Forum, April 12-15, Panama City, Panama](#)

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**About CENIC | [www.cenic.org](http://www.cenic.org)**

CENIC connects California to the world — advancing education and research statewide by

providing the world-class network essential for innovation, collaboration, and economic growth. This nonprofit organization operates the California Research and Education Network (CalREN), a high-capacity network designed to meet the unique requirements of over 20 million users, including the vast majority of K-20 students together with educators, researchers, and others at vital public-serving institutions. CENIC's Charter Associates are part of the world's largest education system; they include the California K-12 system, California Community Colleges, the California State University system, California's Public Libraries, the University of California system, Stanford, Caltech, USC, and the Naval Postgraduate School. CENIC also provides connectivity to leading-edge institutions and industry research organizations around the world, serving the public as a catalyst for a vibrant California.

This email was sent by:  
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