



LEADING THE WAY TO TOMORROW'S INTERNET



[About CENIC](#)
[Network](#)
[Services](#)
[Projects](#)
[Associates](#)
[Publications](#)
[Events](#)


PUBLICATIONS

DCP Today

Volume 2, Issue 19
November 30, 2001

Welcome to DCP Today, CENIC's twice-monthly electronic newsletter detailing the latest news about the Digital California Project.

QUICK LINKS

[CENIC Today](#)
[DCP Today](#)
[GB Today](#)
[Brochures](#)
[Reports](#)
[Presentations](#)
[Video Presentations](#)
[Other Documents](#)
[CENIC Home](#)

IN THIS ISSUE:

Digital California Project News

- Last Mile Cost Relief Program News
- Piping Online College Courses to High Schools

National Education Technology News

- Genesis Space Mission Serves Science and Education

About CENIC

About DCP

Subscription Information

Digital California Project News

Last Mile Cost Relief Program News

On November 15, the DCP Program Steering Committee gave the approval to launch the "last mile" connectivity cost relief program (leveraging CTF and E-rate savings to allow CENIC's Digital California Project to operate a statewide competitive process to provide some financial relief for "last mile" connectivity costs).

The plan, application, and FAQ are available online in PDF format at http://www.cenic.org/nid/CTF_eRate.pdf and in Microsoft Word format at http://www.cenic.org/nid/CTF_eRate.doc

Applications and program information for the program are being mailed to every Local Education Authority (LEA) in California the week of November 19.

In order to participate, your LEA must have a Letter of Agency. The new Letter Of Agency deadline for those who have not already sent one in is December 14.

Two informational meetings are scheduled to discuss the process. They are:

- November 27, Orange COE, 10:00-12:00,
- November 29, Sacramento COE, 1:00-3:00.

To register, call 858-292-3540.

These regional CENIC-DCP K-12 Network Planning Liaisons can answer questions about this program. They also are listed at (http://www.cenic.org/dcp/k12_netlia.htm)

Region 1, Paul Tichinin;
 Region 2, Russ Selken;
 Region 3, Bob Carter;
 Region 4, Mac Carey;
 Region 5, David Barnett;
 Region 6, Bill Engelhardt;
 Region 7, Art Serabian;
 Region 8, John Lindsay;
 Region 9, Skip Sharp;
 Region 10, Doug Slonkosky;
 Region 11, Jim Magill;
 CDE, Kevin Matsuo.

In addition, these county / node coordinators may be able to answer questions and will have extra application forms. (This list may change, so contact your local county office of education if in doubt.)

Alameda COE, Dave Paulson; Alpine COE, R. Scott Auble; Amador COE, Emily Johnson; Bishop Union Elementary (Inyo County), Camille Cervantes; Butte COE, Russell Selken; Calaveras COE, John Brophy; Chaffey Joint UHSD, Mike Harrison; Colusa COE, Alexandar Evans; Contra Costa COE, Mac Carey.

Del Norte COE, Chris York; Dos Palos High School (Merced site #2), Paul Chounet; El Dorado COE, Len Winkler; Fort Bragg (Mendocino Coast Center), David Yacawych, Fresno COE, Art Serabian; Glenn COE (Orland), Howard Gray; Humboldt COE, Susan Grinsell; Imperial COE, Lino O. Velarde; Imperial COE, Todd Finnell; Kern COE, Marchetti; Kings COE, Jerry Waymire.

Lake COE - Site #1, Dave Geck; Lake Tahoe USD (2nd El Dorado site), Len Winkler; Lassen High School (Lassen County), Los Angeles COE, James K. Magill; Los Angeles USD, Vickie Frederick; Loyalton High School (Sierra COE), Gary Habeeb; Madera COE, Jeffrey Bottorff; Mammoth/Mono COE, Rene Good; Marin COE, Dane Lancaster. Mariposa COE, Dean Bernacchi;

Mendocino COE - River Center, David Yacawych; Merced COE, Linda Vincelette; Modoc COE, Lonnie A. Coble; Monterey COE, David Stihler; Monterey Peninsula CC, John J. Kalina, III; Napa Valley USD, Armando Picciotto; Nevada Joint UHSD (Nevada COE), John M. Brooks; Orange County COE, George E. Gumbrecht.

Placer COE, Thomas J. Hall; Plumas COE, Ken Capistrand; Red Bluff High School (Tehama COE), Tim Templeton; Riverside COE, Richard D. Souza; Riverside COE #2 Indio site, Richard D. Souza; Sacramento COE, Bob Carter; San Benito COE, Ron Wheelehan; San Bernardino CSS, Nancy DeNolf; San Diego COE, Skip Sharp; San Francisco COE, Bruce Manson.

San Joaquin COE, Jerry Springer; San Luis Obispo COE, Phil Trott; San Mateo COE, Joe Becerra; Santa Barbara COE, Marty Eifrid; Santa Clara COE, David Huie; Santa Cruz COE, David Barnett; Shasta COE, Curtis Cole; Sierra COE - WEST, Gary Habeeb; Siskiyou COE, Joseph Guerra; Solano COE, Patrick Currier; Sonoma COE, Patrick Laherty.

Sonoma COE, John Schiller; Stanislaus COE, Bob Gausman; Sutter County Schools, Kevin M. Conde; Trinity COE, Wayne Moss; Truckee Donner PUD, Alan Harry; Tulare COE, Rick Moynahan; Tulelake Basin Joint USD (Modoc COE), John Kohler; Tuolumne COE, Dan White; Ventura COE, David Richards; Victor Valley CC, Mitchell Greene; Yolo COE, Richard Glass; Yuba COE, Richard L. Mullins.

Source: Van Wilkinson, vwilkinson@shastalink.k12.ca.us

Piping Online College Courses to High Schools

As part of a new outreach effort to California schools, UC Berkeley is extending the reach of its Digital Chem 1A program to local high schools. The first to benefit will be students in Vallejo High School's advanced placement chemistry class, who on Monday, November 19, "virtually" joined students from UC Berkeley in the class lecture by watching a real-time Webcast of the class. This trial dovetails with a new University of California effort to develop advanced placement high school classes from university courses in areas such as calculus, biology and chemistry. Alex Pines, a professor of chemistry at UC Berkeley, will present the lecture in Pimentel Auditorium on the UC Berkeley campus. On the Vallejo end, Thomas Knight, one of the advanced placement chemistry teachers at Vallejo High School, will moderate and facilitate viewing of the Webcast by presenting PowerPoint slides as they are presented at UC Berkeley. "Today's demonstration will serve as a model for technologically driven outreach from the UC Berkeley campus to high schools across California," said Mark Kubinec, director of Digital Chem 1A and a lecturer in the College of Chemistry. "This also is a prelude to what we hope will become a self-contained program for high school advanced placement classes anywhere in the country." Digital Chem 1A was developed two years ago as a new approach to teaching Chemistry 1A - general, introductory chemistry - at UC Berkeley. Students still attend a traditional lecture, but all notes are available in PowerPoint format. They are also able to view the lecture and related class notes live via the course's Web site. All lectures also are available from a searchable digital archive.

Source: UC Berkeley

National Education Technology News

GENESIS SPACE MISSION SERVES SCIENCE AND EDUCATION

On Friday, November 16, NASA's Genesis spacecraft went into perfect orbit insertion about the first Lagrangian point, L1. The craft can now begin its primary mission of collecting particles from the solar wind. L1 is an ideal location for Genesis' studies, since it affords an uninterrupted view of the Sun and is beyond Earth's magnetosphere, which disrupts the solar wind. Genesis will expend very little propellant to stay in orbit, since the forces of the Sun, Earth and the spacecraft are carefully balanced in its orbit around the point.

The mission's planners have built-in maneuvers to maintain the spacecraft in its orbit around the Lagrange point. If Genesis' injection into orbit goes as planned, the next maneuvers will be very small. On Nov. 30, the sample return capsule will be opened, and a few days later Genesis will open its inner canister, extend its collector arrays and begin collecting concentrated ions.

Genesis will fly in a path nicknamed "the lazy eight": a flight path that resembles a well-formed potato chip. Genesis heads to the L1 point 1.5 million kilometers (930,000 miles) from Earth, and orbits there for 29 months. On its return, the spacecraft swoops past Earth and around another Lagrange point, L2, a mirror image of L1 on the opposite side of Earth, to position itself to enter Earth's atmosphere and return its precious cargo of solar wind samples in August 2004.

The Genesis Mission is also supports a significant education effort. On the Genesis Mission website at <http://genesismission.jpl.nasa.gov/> K-12 classroom teachers will find a wealth of classroom materials, aligned with the content, instruction, and assessment guidelines set forth by the National Research Council. Lesson plans and materials are available for science and other disciplines, based on the actual activities of the Mission.

Source: JPL

About CENIC

CENIC is a not-for-profit corporation formed by the California Institute of Technology, the California State University, Stanford University, the University of California, and the University of Southern California to facilitate and coordinate the deployment, development, and operation of a set of seamless and robust advanced network services. The CENIC Associates program offers qualified companies the opportunity to collaborate with CENIC in pursuit of the goal of providing the most advanced network services for research and education. Cisco Systems, Nortel Networks, Pacific Bell, and the University and Community College System of Nevada are CENIC's Partner Associates.

More information about CENIC is available at: <http://www.cenic.org>.

About DCP

The Digital California Project is a project of CENIC. A multi-million dollar effort funded by the State of California, the DCP was designed to build the necessary network infrastructure needed to prepare California's schools to take advantage of tomorrow's advances in network technology. In essence, CENIC is developing an advanced-services network to serve the entire California K-20 education and research community.

Subscription Information

You can subscribe to DCP Today online by visiting our website:

http://www.cenic.org/dcp/dcp_today/DTcover.html

Or, you can subscribe to DCP Today by sending e-mail to

listproc@cenic.org

with the following request in the message body:

```
subscribe dcp-today youremailaddress
```

To unsubscribe, send email to

listproc@cenic.org

with the following request in the message body:

```
signoff dcp-today
```

Website questions: webmaster@cenic.org

Last Update: December 14, 2004