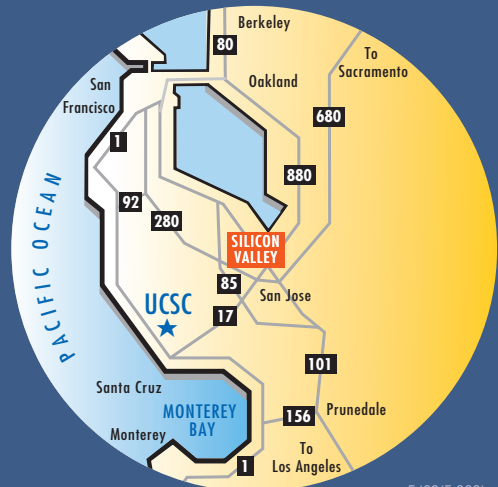


On the Web: www.ce.ucsc.edu

UC Santa Cruz is the University of California campus serving Silicon Valley. The campus is located off Highway 1 on the Central Coast of California 30 miles southwest of San Jose, 75 miles south of San Francisco, and 350 miles north of Los Angeles.



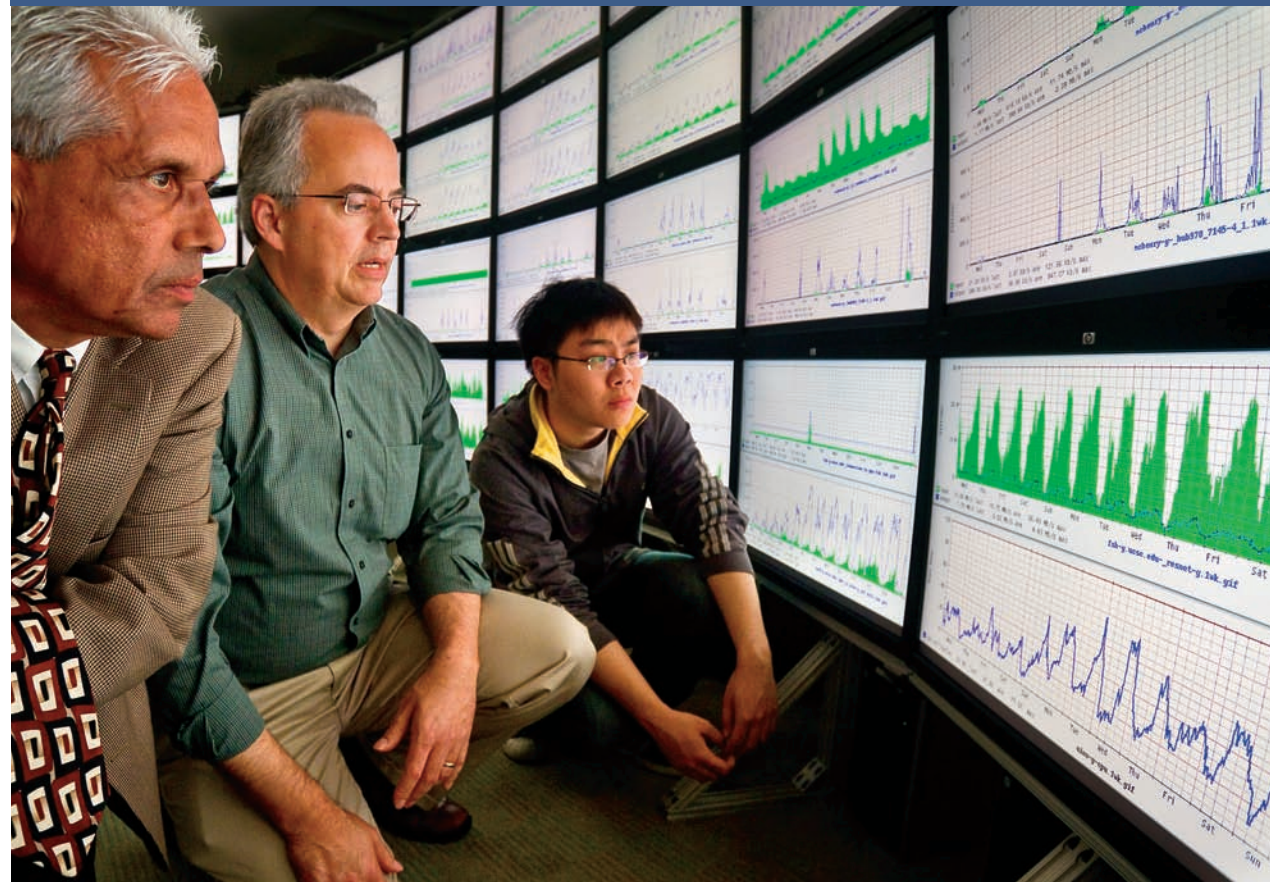
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Department of Computer Engineering
1156 High Street
Santa Cruz, CA 90564

Computer Engineering @ UC SANTA CRUZ



NMO Lab:

*A partnership
between UCSC
and Cisco Systems*



The Baskin School of Engineering is dedicated to collaborative, interdisciplinary research and training at the forefront of modern technology. Students and faculty work across traditional boundaries to engage in innovation and discovery.

With 100 faculty members, the Baskin School of Engineering comprises six departments:

- Applied Mathematics & Statistics
- Biomolecular Engineering
- Computer Engineering**
- Computer Science
- Electrical Engineering
- Technology & Information Management (planned)

- 8 undergraduate programs**
- 6 graduate programs**
- 350 graduate students**
- 1,000 undergraduate students**

Department of Computer Engineering

Networks: Wireless networks, high-speed networks, sensor networks, algorithms and protocols for computer communication

A. Brandwajn, J. J. García-Luna-Aceves, K. Obraczka, B. Smith, A. Varma, C. Westphal

Robotics and Control: Autonomous vehicles, sensor fusion, biomolecular control, biomedical robotics

C. Bazeghi, R. Curry, W. Dunbar, G. Elkaim, S. Petersen, J. Rosen, D. Wiberg

Computer System Design: CAD of VLSI, computer architecture, VLSI and FPGA design, placement and routing, fault diagnosis

G. Alers, A. Brandwajn, P. Chan, F. J. Ferguson, M. Guthaus, R. Hughey, T. Larrabee, D. Pease, J. Renau, M. Schlag

Sensing and Interaction: Computer vision, remote sensing, telemetry, computer-based collaboration, assistive technology, human-computer interaction

S. Kurniawan, R. Manduchi, P. Mantey, J. Rosen, H. Tao



Adjunct Professor and Director Brad Smith (center) works with students and Cisco engineers on new projects in the NMO Lab



Network Management and Operations Laboratory (NMO Lab):

A partnership with Cisco Systems.

Through Cisco's support, students and faculty in UCSC's Baskin School of Engineering (BSOE) are working with Cisco Systems to address real-world problems in complex networks on a variety of topics that include quality of service, customer support, and intelligent and automated management of network devices. A collaboration among the Department of Computer Engineering, CITRIS, and Cisco, the NMO Lab supports and engages BSOE undergraduate and graduate students to solve research problems in operational networks.