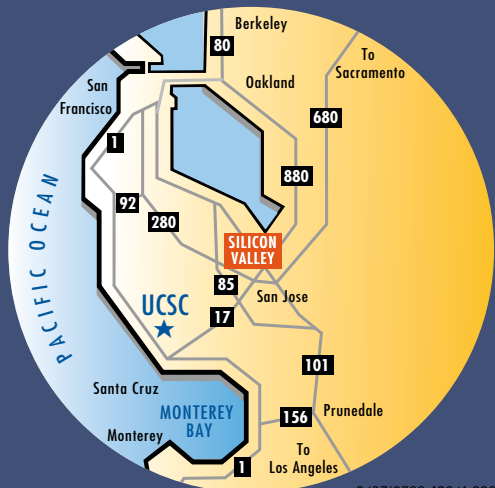


On the Web: www.ce.ucsc.edu

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 75 miles south of San Francisco, 350 miles north of Los Angeles, and 30 miles southwest of San Jose.



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Department of Computer Engineering
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Computer Engineering @ UC SANTA CRUZ



INSIDE:

UC Santa Cruz's Jose Renau directs the first-ever OpenSPARC Center of Excellence



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**
- 800 undergraduate students**

Department of Computer Engineering

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

A. Brandwajn, J.J. García-Luna-Aceves, R. Gopalakrishnan, K. Obraczka, B. Smith, A. Varma

Embedded and Autonomous Systems: Embedded software design and verification, robotics and control, autonomous vehicles, sensor fusion, biomolecular control

L. de Alfaro, C. Bazeghi, W. Dunbar, G. Elkaim, S. Peterson

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

A. Brandwajn, P. Chan, A. Di Blas, F.J. Ferguson, M. Guthaus, R. Hughey, T. Larrabee, J. Renau, M. Schlag

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

L. de Alfaro, S. Kurniawan, R. Manduchi, P. Mantey, H. Tao



Jose Renau, assistant professor of computer engineering, NSF CAREER recipient and director of the first-ever OpenSPARC Center of Excellence.



The new **OpenSPARC Center of Excellence** at UCSC's Department of Computer Engineering is building a community of students and researchers in Santa Cruz and around the nation working to improve and upgrade the Niagara SPARC processor. Establishment of the Center is among the first steps taken by Sun to develop a new SPARC ecosystem at universities and startups. The Center's recent work can be found in the 2007 ISCA and MICRO conference proceedings.