

Ericsson sponsors research at University of California in CDMA evolution and 4G

Ericsson will contribute USD 12 million to the California Institute for Telecommunications and Information Technology (Cal-IT)² to conduct studies of mobile communications with emphasis on CDMA evolution and the 4th generation (4G) of mobile technology.

Ericsson's sponsorship is in conjunction with funding from the State of California, which has given Cal-IT² USD 100 million in research funds.

"Ericsson is extremely pleased to sponsor the research activity of Cal-IT²," said Åke Persson, president of Ericsson Wireless Communications, Inc. in San Diego. "Ericsson has a long history of leading research and development efforts within the telecommunications industry. We believe that investment in research programs such as this one will have significant global impact on the industry and the evolution of communications."

Among the areas of joint research activities undertaken by Ericsson and Cal-IT² are CDMA Wireless Access Technology, Advanced Antenna Systems, Next Generation Mobile Internet, Quality of Service, Power Amplifier Technology and Wireless Access Networks.

"These are all important research areas and will help to ensure the future of mobile communications," said Håkan Eriksson, vice president, Research, Ericsson. "This sponsorship is indicative of Ericsson's commitment to growing its research activities in the San Diego region."

"We are very pleased to have Ericsson as an industrial partner of Cal-IT²," said Larry Smarr, director of Cal-IT² and UCSD professor of Computer Science and Engineering. "As a global leader in wireless telecommunications, they will provide a critical core competency to central issues being investigated by our faculty."

Ericsson will coordinate with Cal-IT² to define mutually agreed milestones over the next four years. Ericsson's sponsorship will be divided equally between professor and student support, lab and equipment support and research projects.

Ericsson is the leading communications supplier, combining innovation in mobility and Internet in creating the new era of mobile Internet. Ericsson provides total solutions covering everything from systems and applications to mobile phones and other communications tools. With more than 100,000 employees in 140 countries, Ericsson simplifies communications for customers all over the world.

Read more at <http://www.ericsson.com/pressroom>

FOR FURTHER INFORMATION, PLEASE CONTACT

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About Cal-(IT)²

Over the next decade, major changes in Internet telecommunications will revolutionize the way we live and work. Digital wireless links will extend the Internet throughout the physical world, tens of millions of households and businesses will move from slow modems to speedy broadband Internet connections, and an all-optical core architecture will vastly increase the Internet's capacity to handle new users and applications. The California Institute for Telecommunications and Information Technology [Cal-(IT)²], teams UC San Diego and UC Irvine faculty, students, and research professionals with leading California telecommunications, computer and software companies to research the scientific and technological components required to bring this new Internet into being.

Institute applications researchers will create leading-edge testbeds to investigate how the new Internet will advance markets important to California's economy and quality of life, including: environment and civil infrastructure; energy; intelligent transportation; telemedicine, bioinformatics, and digitally enabled genomic medicine; and the new media arts. Cal-(IT)² will help shape government policies to enable all sectors of society to benefit from the information revolution while ensuring privacy and security. Through its graduate education program, students will work side by side with industry and academic researchers, and will emerge highly qualified to lead California's technology companies into the future. Cal-(IT)² creates a powerful research base on two partner campuses along southern California's High Tech Coast, and ensures California's global competitiveness in high technology.