

RELEASE DATE: Immediate

Padovani to Deliver Tang Lecture

AMHERST, Mass. – On Thursday, October 2, at 3:00 p.m., Roberto Padovani, Ph.D. will deliver the ninth annual Tang Lecture, presented by the College of Engineering at UMass Amherst. The lecture will take place in the Marriott Center, 11th floor, Campus Center on the UMass Amherst campus. Dr. Padovani's theme will be "Cellular Communication: What a Ride!" A reception will take place after the talk at approximately 4:00 p.m.

Dr. Padovani is executive vice president and chief technology officer for Qualcomm Incorporated. In this role, he is responsible for the oversight of Qualcomm's overall research and development efforts. Dr. Padovani holds more than 70 patents on wireless systems. In 2006, he was elected to the National Academy of Engineering.

Over the past 20 years at Qualcomm, Dr. Padovani has been involved in the research and development of digital communication systems with particular emphasis on Code Division Multiple Access (CDMA) wireless technology systems. He was involved in the initial design, development and standardization of IS-95 CDMA systems.

His research and inventions in this field have led to the worldwide standardization and commercialization of CDMA technology for second- and third-generation cellular systems. He has published numerous technical papers in the digital communications field and was the co-recipient of the 1991 Institute of Electrical and Electronics Engineers Vehicular Technology Society Best Paper Award for a fundamental paper on the capacity of CDMA cellular systems.

In addition, Dr. Padovani received the Innovators in Telecommunications award in 2004 from the San Diego Telecom Council; and the Executive of the Year award in 2006 from the School of Electrical and Computer Engineering at the University of California, San Diego. Dr. Padovani received a laureate degree from the University of Padova, Italy, and M.S. and Ph.D. degrees from the University of Massachusetts, Amherst, all in electrical and computer engineering. He is an Institute of Electrical and Electronics Engineers Fellow and an Adjunct Professor in the Electrical and Computer Engineering Department at the University of California, San Diego.

The Shirley and Ting-wei Tang Endowment Lecture Series brings leaders of engineering-based companies to campus to interact with students and faculty and present a major talk. Shirley Tang is a retired academic advisor for the United Asia Learning Resource Center; Ting-wei Tang has been a professor in the Electrical and Computer Engineering Department for more than 30 years.

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