



HAWAII CENTER FOR ADVANCED
COMMUNICATIONS

**HIGH PERFORMANCE HYBRID SMART ANTENNA
ARRAY FOR ADVANCED WIRELESS
COMMUNICATION APPLICATIONS**

Ph.D. Dissertation Defense

Presented By: Nuri Celik
February 12, 2009
Holmes Hall 389
9:00 am

Supervisory Committee:

Dr. Magdy F. Iskander, Chair
Dr. Luis R. Elias
Dr. Michael A. Jensen
Dr. David Y. Y. Yun
Dr. Hyoung-Sun Youn
Dr. Zhengqing Yun
Dr. Sungkyun Lim

Biography



Nuri Celik received his B.S. and M.S. degrees from Bilkent University in Turkey in 2000 and 2003, respectively, both in electrical and electronics engineering. He was a research and teaching assistant in the Department of Electrical and Electronics Engineering at Bilkent University between 2000 and 2003. Since 2004, he has been working with Hawaii Center For Advanced Communications as a research assistant. His research interests include implementation of realistic channel models in wireless system simulations, multiple antenna wireless receiver design, and implementation of smart-antenna systems with associated digital signal processing algorithms. In 1996, he has ranked the 46th among more than a million students in the Turkish University Entrance Exam and received full tuition and scholarship from Bilkent University for his B.S. and M.S. studies. In 2003, he has been awarded the E. Black fellowship by the Electrical Engineering Department at University of Hawaii at Manoa for his Ph.D. studies. During his studies with HCAC, Nuri has published four journal papers, one book chapter, and eleven conference proceedings.