

BÜLENT TAVLI

AREAS OF INTEREST

- Wireless communications
- Computer and communications networks
- Ad hoc networks
- Sensor networks
- Signal, image, and video processing

EDUCATION

University of Rochester, Rochester, NY, USA

Doctor of Philosophy in Electrical and Computer Engineering 1999-2005

Dissertation Title: Protocol architectures for energy efficient real-time data communications in mobile ad hoc networks

Research Areas: Energy aware, QoS supporting, spatial reuse efficient, fault tolerant, cross-layer protocol architectures, self-organizing and adaptive clustering algorithms, sensor networks

Advisor: Professor Wendi Heinzelman

Master of Science in Electrical and Computer Engineering 1999-2001

Research Areas: Quantitative ultrasound imaging, forward and inverse acoustic scattering

Baskent University, Ankara, Turkey

Master of Science in Electrical and Electronics Engineering 1996-1998

Dissertation Title: Data Acquisition techniques for ultrasound subaperture imaging

Research Areas: Ultrasound synthetic aperture beamforming, phase aberration correction in ultrasound imaging systems, image processing, pattern recognition

Advisor: Professor Mustafa Karaman

Middle East Technical University, Ankara, Turkey

Bachelor of Science in Electrical and Electronics Engineering 1992-1996

PROFESSIONAL EXPERIENCE

TOBB University of Economics and Technology, Ankara, Turkey

Computer Engineering Department, Ankara, Turkey, Assistant Professor 2006-Present

University of Rochester, Rochester, NY

Wireless Communications Laboratory, Post Doctoral Researcher 1999-2006

Wireless Communication Laboratory, Research Assistant 2005-2006

Diagnostic Ultrasound Imaging Laboratory, Research Assistant 2001-2005

Diagnostic Ultrasound Imaging Laboratory, Research Assistant 2000-2001

Harris Corporation, RF Communications Division, Rochester, NY

Engineering Design Department 2003

Baskent University, Ankara, Turkey

Electrical and Electronics Engineering Department, Research Assistant 1996-1999

Electrical and Electronics Engineering Department, Research Assistant 1996-1999

TEACHING EXPERIENCE

TOBB University of Economics and Technology, Ankara, Turkey

Wireless Networks, Lecturer Spring 2007, Fall 2007

Logic Design, Lecturer Fall 2006, Summer 2007, Summer 2008

Computer Networks, Lecturer Spring 2007, Spring 2008

Foundations of Computer Science, Lecturer Fall 2006