

Mehmet Ufuk Çağlayan
Current and Former MS Students
Last Updated: April 12, 2017

Current MS Students

1. Samet Aytaç, Group Key Agreement Protocols and Attribute Based Encryption for SDN
2. Gökcan Çantalı, Scalability of Secure File Sharing Systems in SDN
3. Sabri Kızanlık, Formal Specifications in Agile Software Development
4. Nurefşan Sertbaş, Applications of Group Key Agreement Protocols and Attribute Based Encryption for SDN
5. Garani Taşkıran, Formal Specification and Verification of Letter of Credit Business Process

Former MS Students

1. Sezer Akar, Development of a New Domain-Specific Language for Software Architecture Specification: DSL-SA, July 2012. (Ulusal Tez Merkezi No: 325522)
2. [Mohammed Oğuzhan Topgöl](#) ([LinkedIn Page](#)), Development of mod_antiCrawl: An Anti Crawler Add-On Module for Apache Web Servers, February 2012. (Ulusal Tez Merkezi No: 301666)
3. **Ozan Akar**, Model Checking of Ambient Calculus Specifications Against Ambient Logic Formulas, September 2009. (Ulusal Tez Merkezi No: 252581)
4. [Mete Akgün](#), Security and Privacy in Radio Frequency Identification, June 2009. (Thesis Co-Advisor: Emin Anarım, Electrical and Electronics Engineering) (Ulusal Tez Merkezi No: 245862)
5. **Aykut Soner Demirkol**, Parallel AAA and Mobile IP Registration for High Performance and Scalable Mobile Roaming, January 2009. (Ulusal Tez Merkezi No: 245884)
6. **Mehmet N. Akçay**, Verification of BPEL Specifications Using Model Checking, September 2008. (Ulusal Tez Merkezi No: 232646)
7. **Evren Önem**, Formal Security Analysis of a Secure On-Demand Routing Protocol for Ad Hoc Networks Using Model-Checking, January 2007. (Ulusal Tez Merkezi No: 200096)
8. **Gamze Yurttutan**, Group Key Management in IEEE 802.15.4 Wireless Networks, September 2006. (Ulusal Tez Merkezi No: 181290)
9. **Dilek Demirel**, Development of a New Group Key Management Scheme for Mobile Ad Hoc Networks, June 2005. (Ulusal Tez Merkezi No: 170450)
10. [Handan Gül Çalıklı](#), A Policy Specification Language for an 802.11 WLAN with Enhanced Security Network, July 2004. (Ulusal Tez Merkezi No: 152520)
11. **Nurcan Tezcan**, End-to-End Reliable Event Transfer in Wireless Sensor Networks, June 2004. (Ulusal Tez Merkezi No: 152584)
12. **Erhan Çetintaş**, Relay Attacks on Bluetooth Authentication and Solutions, June 2004. (Ulusal Tez Merkezi No: 152420)
13. **Engin Deveci**, PERA Location Based Multimedia Services Framework, January 2004. (Ulusal Tez Merkezi No: 152418)
14. **Betül Turgut**, An AAA Based Solution for Secure Interoperability of 3G and 802.11 Networks, June 2003. (Ulusal Tez Merkezi No: 139407)
15. [Sevit Ahmet Camtepe](#), Kerberos Based Security System for Session Initiation Protocol (SIP), June 2001. (Ulusal Tez Merkezi No: 112200)
16. **Metin İnanç**, Simulation of Local and Global Handoff in Wireless ATM, June 2001. (Thesis Co-Advisor: Cem Ersoy) (Ulusal Tez Merkezi No: 112199)
17. **Ertan Onur**, Measurement Based Replanning of Cell Capacities in Cellular Wireless Networks, 2001. (Thesis Co-Advisor: Cem Ersoy) (UlusalTezMerkezi No: 112203)
18. **Çiğdem Çimen**, Design and Implementation of a User Interface Agent for an Open Marketplace, 2000. (Ulusal Tez Merkezi No: 95411)
19. [Mete Yılmaz](#), Performance Evaluation of TCP/IP over ATM and Native ATM, June 1999. (Thesis Co-Advisor: Cem Ersoy) (UlusalTezMerkezi No: 82995)
20. **Ercenk Keresteci**, Generation and Evaluation of Self-Similar Traffic in Computer Networks, January 1997. (UlusalTezMerkezi No: 65166)

21. **Oğuz Sinanoğlu**, Development of a Frame Relay Communication Interface, August 1995. (UlusalTezMerkezi No: 47482)
22. **Adnan Can**, Program-to-Program Communication Via Logical Unit (LU) 6.2 Protocol, June 1993. (UlusalTezMerkezi No: 29901)
23. **Nilgün Olcay**, A Cache Independent Benchmark Suite, June 1993. (UlusalTezMerkezi No: 29905)
24. **Albert Levi**, Development of Frame Relay Software for High Speed Packet Switched Networks, June 1993. (UlusalTezMerkezi No: 29907)
25. **Rasim Mahmutoğulları**, Development of An Interactive Tool for Stochastic Petri Net Simulation, December 1992. (UlusalTezMerkezi No: 24436)
26. **Q. M. Shawkat H. Bhuiyan**, Development of A Software Tool To Simulate Stochastic Petri Nets, June 1987 (King Fahad University of Petroleum and Minerals, Dhahran, Saudi Arabia).
27. **Khaled W. Al-Dhaher**, Performance Modeling of a Computer System Saudi Arabian Ministry of Interior Online System, June 1987 (King Fahad University of Petroleum and Minerals, Dhahran, Saudi Arabia).

Former MS Students (As Co-Advisor)

1. **İlker Demirkol**, Location area planning and cell to switch assignment in cellular networks, 2002. (Advisor: Cem Ersoy) (Ulusal Tez Merkezi No: 129370)
2. **Tamer Demir**, Performance evaluation of mobile applications and services testbed, 2002. (Advisor: Cem Ersoy) (Ulusal Tez Merkezi No: 129274)
3. **Emre Çelebi**, Performance evaluation of wireless multihop ad-hoc network routing protocols, 2001. (Advisor: Cem Ersoy) (Ulusal Tez Merkezi No: 112029)
4. **Salih Gönüllü**, Comparative evaluation of video on demand systems, 2000. (Advisor: Cem Ersoy) (Ulusal Tez Merkezi No: 95365)
5. **Alper Altınordu**, Design and VLSI Implementation of an ATM Switching Element, August 1996. (Advisor: Sina Balkır, Electrical and Electronics Engineering) (Ulusal Tez Merkezi No: 50480)
6. **Ata Pank**, Implementation of LPC Based Voice Mailing Box System via DSP 56001, June 1994. (Advisor: Ömer Cerid, Electrical and Electronics Engineering) (Ulusal Tez Merkezi No: 35355)

Note: The web address <https://tez.yok.gov.tr/UlusalTezMerkezi/> can be used to download MS theses of above students.