

M. Ufuk Çağlayan
Current and Former PhD Students
Last Updated: January 05, 2012

Current PhD Students

1. [Mete Akgün](#), Secure RFID Protocols (Qualifying)
2. **Ali Osman Bayrak**, Formal Representation and Analysis of Software Specifications (taking PhD courses)
3. [Murat Cihan](#), Cyber-Physical Systems and Energy Based Side Channel Attacks
4. [Engin Deveci](#), Security Verification of Software Specifications in UML
5. [Orhan Ermiş](#), Information Theory on Secrecy (Co-Advisor: Emin Anarım)
6. [Burak Gürdağ](#), Formal Representation and Analysis of Secure Routing in Ad Hoc Networks
7. [Yiğit Kültür](#), Fraud Modeling in Relation to Computer Security (Qualifying) ([LinkedIn Page](#), [Facebook Page](#))
8. **Albert Özkohen**, Model Checking of Software Design Specifications in UML
9. **Oytun Yılmaz**, Formal Representation and Analysis of Software Specifications (taking PhD courses)
10. **Mahir Kutay**, Trust Modeling (Dokuz Eylül University EEE, Co-Advisor, Advisor: Zafer Dicle)

Former PhD Students

1. [Serif Bahtiyar](#), Core-Crust Modeling Approach For Formal Representation and Analysis of Trust in Relation to Computer Security, December 2011 ([Publications](#) related to PhD thesis)
2. [Devrim Ünal](#), FPFM: A Formal Specification and Verification Framework for Security Policies in Multi-Domain Mobile Networks, October 2011 ([Publications](#) related to PhD thesis)
3. [Albert Levi](#), Design and Performance Evaluation of the Nested Certification Scheme and its Applications in Public Key Infrastructures, June 1999.
4. [Sema F. Oktuğ](#), Design and Performance Evaluation of a Banyan Network Based Interconnection Structure for ATM Switches, June 1996

Former PhD Students (As Co-Advisor)

1. **İmran Ergüler**, Security and Privacy Analysis of Authentication Protocols in RFID Systems, June 2011 (Boğaziçi U. EEE, Co-Advisor, Advisor: Emin Anarım)
2. **Hakan Karaca**, Formal Analysis of Wireless Network Protocols by Model Checking, November 2010 (Dokuz Eylül University EEE, Co-Advisor, Advisor: Zafer Dicle)
3. **Bora Mocan**, Optical Signal Processing for All-Optical Computer Networks, December 2009 (Dokuz Eylül University EEE, Co-Advisor, Advisor: Zafer Dicle).
4. **Hakan Kalyoncu**, Transport Layer Protocols and Performance of Picture Archival and Communications Systems, November 1994 (Co-Advisor, Advisor: Bülent Sankur).