Assoc. Prof. Şerif Bahtiyar

Personal Information

Office Phone: +90 212 285 6704
Email: bahtiyars@itu.edu.tr
Web: https://avesis.itu.edu.tr/bahtiyars
Address: İstanbul Teknik Üniversitesi, Ayazağa Kampüsü, Bilgisayar ve Bilişim Fakültesi, Maslak, İstanbul, 34469

International Researcher IDs
ORCID: 0000-0003-0314-2621
Publons / Web Of Science ResearcherID: K-9773-2017
ScopusID: 35112749600
Yoksis Researcher ID: 264385

Biography

Şerif Bahtiyar received his B.S. degree in Control and Computer Engineering and M.S. degree in Computer Engineering from Istanbul Technical University, Turkey and his Ph.D. degree in Computer Engineering from Boğaziçi University, Istanbul, Turkey. Dr. Bahtiyar was a senior researcher at National Research Institute of Electronics and Cryptology, Turkey and he was a post-doctoral researcher at TU-Berlin, Germany. Dr. Bahtiyar served as a product manager at MasterCard and he joined the Department of Computer Engineering of Istanbul Technical University, Turkey, where he is currently serving as an associate professor. His current interests are security, trust, financial systems, smart systems, modelling of systems, and product management.

Education Information

Doctorate, Bogazici University, Institute Of Science, Bilgisayar Mühendisliği, Turkey 2004 - 2011
Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Turkey 2001 - 2004
Undergraduate, Istanbul Technical University, Elektrik Elektronik Fakültesi, Kontrol Ve Bilgisayar Mükendisliği, Turkey 1997 - 2001

Foreign Languages

Bulgarian, B1 Intermediate
English, B2 Upper Intermediate

Certificates, Courses and Trainings

Finance, The Art and Science of Business Modeling Course, MasterCard University, 2015
Finance, Product Management Excellence, MasterCard, 2015
IT, EUREKA Programı için Proje Hazırlama, TÜSİAD, 2013
IT, Software and Systems Safety: Specification and Verification, Münih Teknik Üniversitesi, 2010
IT, Security Analysis and Design, Bologna Üniversitesi, 2009
IT, Cisco Interconnecting Cisco Network Devices Certificate, Cisco, 2002

Dissertations

Doctorate, Core-Crust Modeling Approach for Formal Representation of Trust in Relation to Computer Security, Boğaziçi Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, 2011
Postgraduate, Mobile IP and Security, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, 2004

Academic Titles / Tasks

Associate Professor, Istanbul Technical University, Bilgisayar ve Bilişim, Bilgisayar Mühendisliği, 2019 - Continues
Assistant Professor, Istanbul Technical University, Bilgisayar ve Bilişim, Bilgisayar Mühendisliği, 2018 - 2019
Assistant Professor, Istanbul Technical University, Bilgisayar ve Bilişim, Bilgisayar Mühendisliği, 2017 - 2018
Lecturer PhD, Bahcesehir University, Institute Of Science, Bilgisayar Mühendisliği, 2016 - 2017
Research Assistant PhD, Bogazici University, Tetam, Bilgisayar Mühendisliği, 2016 - 2017
Research Assistant PhD, Technische Universitaet Berlin, Daı-Labor, Competence Center Security, 2012 - 2013
Research Assistant, Bogazici University, Faculty Of Engineering, Bilgisayar Mühendisliği, 2008 - 2011

Academic and Administrative Experience

Lisansüstü Kabul Komisyonu, Istanbul Technical University, Bilgisayar Ve Bilişim, Bilgisayar Mühendisliği, 2017 - Continues
Vice Dean, Istanbul Technical University, Bilgisayar Ve Bilişim, Bilgisayar Mühendisliği, 2021 - 2022
Deputy Head of Department, Istanbul Technical University, Bilgisayar Ve Bilişim, Bilgisayar Mühendisliği, 2020 - 2021
Coordinator of The Rectorate, Istanbul Technical University, Bilişim Sistemleri Mühendisliği Koordinatörü, 2017 - 2020
Program Koordinatörü, Istanbul Technical University, Bilgisayar Ve Bilişim, Bilgisayar Mühendisliği, 2017 - 2020

Courses

Network Security, Undergraduate, 2023 - 2024
Security in Financial Information Systems, Doctorate, 2020 - 2021
Programming, Undergraduate, 2018 - 2019
Security and Privacy, Postgraduate, 2017 - 2018
Web Application Security: Hacking and Defense, Doctorate, 2016 - 2017
Oriantation, Undergraduate, 2017 - 2018
Computer Security, Undergraduate, 2017 - 2018
Numerical Methods in CE, Undergraduate, 2016 - 2017
Linear Algebra and Applications, Undergraduate, 2017 - 2018
Analysis of Algorithms II, Undergraduate, 2015 - 2016
Computer Project I, Undergraduate, 2016 - 2017

Supported Projects

Bahtiyar Ş., Project Supported by Higher Education Institutions, Gelişmiş Siber Saldırılara Karşı Sistemlerin Güvenlik ve Güvenine Göre Risk Durumlarının Belirlenmesi, 2017 - 2019

Scientific Refereeing

Journal of Network and Computer Applications , SCI Journal, September 2016

International Journal of Communication Systems, SCI Journal, July 2016

IEEE Communications Magazine, SCI Journal, April 2016

Security and Communication Networks, SCI Journal, October 2015

International Journal of Communication Systems, SCI Journal, September 2015

International Journal of Communication Systems, SCI Journal, February 2015

Applied Soft Computing, SCI Journal, August 2014

International Journal of Communication Systems, SCI Journal, May 2013

Journal of Network and Systems Management, SCI Journal, December 2011

The Computer Journal, SCI Journal, October 2011

Security and Communication Networks, SCI Journal, May 2011

Journal of Network and Computer Applications , SCI Journal, May 2011

Journal of Network and Systems Management, SCI Journal, October 2009

Journal of Network and Systems Management, SCI Journal, October 2009

Metrics

Publication: 64
Citation (WoS): 70
Citation (Scopus): 223
H-Index (WoS): 4
H-Index (Scopus): 8

Congress and Symposium Activities

The 13th International Conference on Mobile Web and Intelligent Information Systems, MobiWis2016, Attendee, Wien, Austria, 2016

The 13th International Conference on Mobile Web and Intelligent Information Systems, MobiWis2016, Session Moderator, Vienna, Austria, 2016

7th International Conference on Information Security and Cryptology, Attendee, İstanbul, Turkey, 2014

29th IFIP TC-11 SEC 2014 International Conference ICT Systems Security and Privacy Protection, Attendee, Marrâkush, Morocco, 2014

ACM The 6th International Conference on Security of Information and Networks, SIN '13, Attendee, Aksaray, Turkey, 2013

Open Problems in Mathematical and Computational Sciences, Attendee, İstanbul, Turkey, 2013

International Workshop on Smart Grid Security 2012, Attendee, Berlin, Germany, 2012

International Conference of Privacy and Emerging Sciences and Technologies, Attendee, Berlin, Germany, 2012

11th International School on Foundations of Security Analysis and Design (FOSAD2011), Attendee, Bologna, Italy, 2011

The fifth European Trusted Infrastructure Summer School, Attendee, London, United Kingdom, 2010

Marktoberdorf Summer School (MOD2010), Software and Systems Safety: Specification and Verification, Attendee, München, Germany, 2010

4th IFIP WG 11.11 International Conference on Trust Management, IFIPTM2010, Attendee, Morioka, Japan, 2010

10th IEEE International Conference on Computer and Information Technology, CIT 2010, Attendee, Bradford, United Kingdom, 2010

2nd International Conference on Security of Information and Networks, SIN'09, Attendee, Gazimagusa, Cyprus (Kktc), 2009

9th International School on Foundations of Security Analysis and Design (FOSAD2009), Attendee, Bologna, Italy, 2009

Ağ ve Bilgi Güvenliği Ulusal Sempozyumu, Attendee, İstanbul, Turkey, 2005

3rd Asia Pacific Int'l. Symp. on Information Technology (3rd APIS), Attendee, İstanbul, Turkey, 2004

Scholarships

Doktora sonrası araştırmacı bursu, TUBITAK, 2012 - Continues
ETISS Yaz okulu katılımı, University, 2010 - Continues
Marktoberdorf Summer School, Official Institutions of Foreign Countries, 2010 - Continues
FOSAD yaz okulu katılımı, University, 2009 - Continues

Non Academic Experience

MasterCard
Business Establishment Private, Mastercard
Provus
Berlin Teknik Üniversitesi
BOĞAZİÇİ ÜNİVERSİTESİ
Other Public Institution, Tübitak - Uekae
TÜBİTAK