

Assoc. Prof. Şerif Bahtiyar

Personal Information

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International Researcher IDs

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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, Dai-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 Saldırılarına 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 arařtırımacı bursu, TUBİTAK, 2012 - Continues

ETİSS 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