

## Assoc. Prof. Şerif Bahtiyar

### Personal Information

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### 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 assistant professor. His current interests are security, trust, financial systems, smart systems, modelling of systems, and product management.

### Education Information

Doctorate, Boğaziçi Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Turkey 2004 - 2011

Post Graduate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Turkey 2001 - 2004

Under Graduate, İstanbul Teknik Üniversitesi, 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

Post Graduate, Mobile IP and Security, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, 2004

## Research Areas

Technical Sciences, Computer Sciences, algorithms, Simulation and Modelling, Information Security and Reliability, Computer Networks, Communications and Network Protocols, Artificial Intelligence, Computer Learning and Pattern Recognition, Knowledge Engineering, Human Computer Interaction, Software, Operating Systems

## Academic Titles / Tasks

Associate Professor, Istanbul Technical University, 2019 - Continues

Assistant Professor, İstanbul Teknik Üniversitesi, Bilgisayar Ve Bilişim Fakültesi, Bilgisayar Mühendisliği, 2018 - Continues

Assistant Professor, İstanbul Teknik Üniversitesi, Bilgisayar Ve Bilişim Fakültesi, Bilgisayar Mühendisliği, 2017 - 2018

Lecturer PhD, Bahçeşehir Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, 2016 - 2017

Research Assistant PhD, Boğaziçi Üniversitesi, Tetam, Bilgisayar Mühendisliği, 2016 - 2017

Research Assistant PhD, Technische Universitaet Berlin, DAI-Labor, Competence Center Security, 2012 - 2013

Research Assistant, Boğaziçi Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2008 - 2011

## Professional Experience

Coordinator of The Rectorate, İstanbul Teknik Üniversitesi, Bilgisayar Ve Bilişim Fakültesi, Bilişim Sistemleri Mühendisliği Koordinatörü, 2017 - Continues

## Courses

Programming, Under Graduate, 2018 - 2019

Security and Privacy, Post Graduate, 2017 - 2018

## Supported Projects

Bahtiyar Ş., Project Supported by Higher Education Institutions, Gelişmiş Siber Saldırlara 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

## Invited 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
- 9th International School on Foundations of Security Analysis and Design (FOSAD2009), Attendee, Bologna, Italy, 2009
- 2nd International Conference on Security of Information and Networks, SIN'09, Attendee, Gazimagusa, Cyprus (Kkct), 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

## Citations

Total Citations (WOS):52

h-index (WOS):4

## Scholarships

- Doktora sonrası araştırmacı bursu, TÜBİTAK, 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