

ALBERT ALI SALAH

BOĞAZIÇI ÜNİVERSİTESİ, BİLGİSAYAR MÜHENDİSLİĞİ BÖLÜMÜ

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EĞİTİM

2007 Ph.D.

2000 M.S.

1998 B.S.

1994 H.S.R.

Boğaziçi Üniversitesi – Bilgisayar Mühendisliği Bölümü

Boğaziçi Üniversitesi – Bilgisayar Mühendisliği Bölümü

Boğaziçi Üniversitesi – Bilgisayar Mühendisliği Bölümü

İstanbul Alman Lisesi (Deutsche Schule İstanbul)

İŞ TECRÜBESİ

Kasım 2011 - :

Eylül 2011 - :

Haziran 2011- Ağustos 2011:

Haziran 2009-Mayısıs 2011:

Mart 2007-Mayısıs 2009:

Şubat 1999- Şubat 2007:

Üniversitesi

Haziran 1998 – Şubat 1999:

Temmuz-Ağustos 1997:

Temmuz-Ağustos 1996:

Bilişsel Bilim Anabilim Dalı Başkanı, Boğaziçi Üniversitesi

Yard. Doç., Bilgisayar Mühendisliği Bölümü, Boğaziçi Üniversitesi

Araştırmacı, CWI, Amsterdam

Yard. Doç., Informatics Institute, University of Amsterdam

Araştırmacı, CWI, Amsterdam

Araştırma Görevlisi, Perceptual Intelligence Lab, Boğaziçi

Mülimedya programcısı, İltek MC, Inc.

Stajyer, Colgate-Palmolive, İstanbul

AIIESEC Stajyeri, Hasse Bau, Klagenfurt, Austria

KONUŞTUĞU DİLLER

Türkçe, İngilizce, Almanca, Fransızca, Flemenkçe

ÖDÜL VE BURLAR

- INTERSPEECH Paralinguistics Challenge Award, 2014.
- Outstanding reviewer, CVPR 2014.
- COST 2101 STSM grant, 2008.
- SIMILAR FP6 Network of Excellence, short term research stay grant, 2007.
- European Biometrics Forum (EBF) Biometrics Research Medal and Award, 2006.
- BIOSECURE FP6 Network of Excellence, short term research stay grant, 2007.
- BIOSECURE FP6 Network of Excellence, short term research stay grant (twice), 2006.
- The Scientific and Technological Research Council of Turkey (TÜBİTAK) doctoral research support grant, 2004-2007.
- Santa Fe Inst. & CEU Complex System Yaz School, Letter of Appreciation for the Best Student, 2002.

BİLİMSEL ETKİNLİKLER

- Üye:
 - IEEE,
 - ACM (SIGMM),
 - Society for Image Analysis and Pattern Recognition (IAPR/TOTIAD),
 - European Net. for Advancement of Artificial Cog. Syst., Interaction and Robotics (EUCOG),
 - eINTERFACE Steering Committee (2010-),
 - FP7 COST 2101 (Biometrics for Smart Cards) Management Committee (2009-2011),
 - FP7 COST IC 1106 (Integrating Biometrics and Forensics for the Digital Age) Management Committee (2013-),
 - RoboCup Turkish National Committee (2012-),
 - IEEE AMD Technical Committee on Action and Perception (2013-),
 - IEEE Biometrics Council (2014-)
- Editör Kurulu Üyesi: *Journal of Ambient Intelligence and Smart Environments* (2013-).
- Editör Kurulu Üyesi: *EAI Endorsed Transactions on Creative Technologies* (2013-).
- Editör Kurulu Üyesi: *IEEE Transactions on Autonomous Mental Development* (2014-).
- Konuk editör: *ACM Transactions on Interactive Intelligent Systems*, special issue on “Behavior Understanding for Arts and Entertainment,” hazırlanıyor.
- Konuk editör: *Journal of Smart Environments and Ambient Intelligence*, thematic issue on “Playful Interactions and Serious Games,” 2014.
- Konuk editör: *IEEE Trans. Autonomous Mental Development*, special issue on “Behavior Understanding and Developmental Robotics,” 2014.
- Konuk editör: *IEEE Pervasive Computing*, special issue on “Human Behavior Analysis for Inducing Behavior Change,” 2013.
- Konuk editör: *IEEE Trans. Affective Computing*, special issue on “Affect Based Human Behaviour Understanding,” 2011.
- Konuk editör: *Journal of Smart Environments and Ambient Intelligence*, thematic issue on “Computer Vision for Ambient Intelligence,” 2011.
- Konuk editör: *Journal on Multimodal User Interfaces*, special issue on “eINTERFACE’10,” 2011.
- Eş-başkan: *15th Int. Society of Scientometrics and Informetrics Conference (ISSI)*, İstanbul, 2015.
- Eş-başkan: *2nd Int Symposium on Brain and Cognitive Science (ISBCS)*, Ankara, 2015.
- Eş-başkan: *16th ACM Int. Conference on Multimodal Interaction (ICMI)*, İstanbul, 2014.
- Eş-başkan: *5th Int. Workshop on Human Behavior Understanding*, Zürich, 2014.
- Eş-başkan: *1st Turkish German Multimodal Interaction Summit (TGMIS)*, İstanbul, 2014.
- Eş-başkan: *1st Int Symposium on Brain and Cognitive Science (ISBCS)*, İstanbul, 2014.
- Eş-başkan: *4th Int. Workshop on Human Behavior Understanding*, Barcelona, 2013.
- Eş-başkan: *3rd Int. Workshop on Human Behavior Understanding*, Vilamoura, 2012.
- Eş-başkan: *2nd Int. Workshop on Human Behavior Understanding*, Amsterdam, 2011.
- Başkan: *6th eINTERFACE Workshop on Multimodal Interfaces*, Amsterdam, 2010.
- Eş-başkan: *1st Int. Workshop on Human Behavior Understanding*, İstanbul, 2010.
- Başkan: *5 Languages in 5 Days Student Workshop*, İstanbul, 2013.
- Tanıtım Başkanı: *17th Inf. Conf. on Multimodal Interaction*, Seattle, 2015.
- Tanıtım Başkanı: *Int. Conference on Ambient Intelligence*, Amsterdam, 2011.
- Alan Başkanı: *3rd IEEE Int. Conf. on Development and Learning and on Epigenetic Robotics (ICDL-EpiRob)*, Osaka, 2013.
- Alan Başkanı: *14th ACM Int. Conference on Multimodal Interaction (ICMI)*, Santa Monica, 2012.
- Doktora Konsorsiyum Başkanı: *Int. Conference on Ambient Intelligence*, Dublin, 2013.
- Özel Oturum Eş-başkanı: “Ambient Intelligence and Social Signal Processing” in *IEEE Signal Proc.*

and Comm. App. Conference, 2008, 2009, 2010, 2011, 2012, 2013, 2014.

- Program Komitesi Üyesi:

- *10th Workshop on Artificial Intelligence Techniques for Ambient Intelligence, Buenos Aires, 2015.*
- *3rd International Workshop on Emotion Representation, Analysis and Synthesis in Continuous Time and Space (EmoSPACE), Ljubljana, 2015.*
- *3rd International Workshop on Context Based Affect Recognition (CBAR), Ljubljana, 2015.*
- *3rd International Conference on Distributed, Ambient and Pervasive Interactions (DAPI), Los Angeles, 2015.*
- *16th Int. Conf. on Computer Analysis of Images and Patterns (CAIP), Malta, 2015.*
- *Türkiye Otonom Robotlar Konferansı (TORK), Ankara, 2014.*
- *European Conference on Ambient Intelligence (AmI), Eindhoven, 2014.*
- *Games for Health Europe, Utrecht, 2014.*
- *British Computer Society 28th International Human Computer Interaction Conference (HCI), Southport, 2014.*
- *5th International Symposium on Information Management in a Changing World, Antalya, 2014.*
- *Workshop on User- and Ambient-Adaptive Gerontechnologies (at UCAmI IWAAL), Newtonabbey, 2014.*
- *ChaLearn Looking at People Workshop (at ECCV), Zürich, 2014.*
- *Int. Workshop on Multimodal Corpora (MMC at LREC), Reykjavik, 2014.*
- *22nd ACM Int. Conf. on Multimedia (ACM MM), Orlando, 2014.*
- *International Conference on Adaptive and Intelligent Systems (ICAIS), Bournemouth, 2014.*
- *Workshop on Computational Personality Recognition (WCPR), Orlando, 2014.*
- *9th Workshop on Artificial Intelligence Techniques for Ambient Intelligence (AITAMI at Intelligent Environments'14), Shanghai, 2014.*
- *5th Int. Workshop on Emotion, Social Signals, Sentiment & Linked Open Data (ES3LOD), Reykjavik, 2014.*
- *Int. Workshop on Face and Facial Expression Recognition from Real World Videos (FFER), Stockholm, 2014.*
- *22nd International Conference on Pattern Recognition (ICPR), Stockholm, 2014.*
- *8th Conference on Articulated Motion and Deformable Objects (AMDO), Palma de Mallorca, 2014.*
- *4th IEEE Int. Symposium on Biometrics & Security Technologies (ISBAST), Kuala Lumpur, 2014.*
- *6th Int. ICST Conf. on Intelligent Technologies for Interactive Entertainment (INTETAIN), Chicago, 2014.*
- *IEEE/IAPR International Joint Conference on Biometrics (IJCB), Clearwater, 2014.*
- *IEEE Int. Conf. on Multimedia and Expo (ICME), Chengdu, 2014.*
- *5th Int. Conf. on Ambient Systems, Networks and Technologies, Hasselt, 2014.*
- *2nd Int. Conf. on Distributed, Ambient and Pervasive Interactions (DAPI at HCI'14), Heraklion, 2014.*
- *6th International Conferences on Advances in Multimedia (MMEDIA), Nice, 2014.*
- *8th Workshop on Artificial Intelligence Techniques for Ambient Intelligence (AITAMI at Intelligent Environments'13), Athens, 2013.*
- *16th International Conference on Advanced Robotics, Montevideo, 2013.*

- 27th Int. British Computer Society Human Computer Interaction Conf. (BHCI), London, 2013.
- 2nd International Workshop on Context Based Affect Recognition (CBAR), Geneva, 2013.
- IVA Workshop on Multimodal Corpora: Beyond Audio and Video, Edinburgh, 2013.
- 3rd Games for Health Conference, Amsterdam, 2013.
- 3rd IEEE Int. Conf. on Development and Learning and on Epigenetic Robotics (ICDL-EpiRob), Osaka, 2013.
- IAPR Int. Conf. on Biometrics (ICB), Madrid, 2013.
- 4th Int. Workshop on Socially Intelligent Surveillance and Monitoring (SISM) at CVPR, Portland, 2013.
- 5th Int. Workshop on Affective Interaction in Natural Environments (AFFINE), Geneva, 2013.
- 15th Int. Conf. on Computer Analysis of Images and Patterns (CAIP), York, 2013.
- 5th Int. Conf. on Intelligent Technologies for Interactive Entertainments (INTETAIN), Mons, 2013.
- IEEE Int. Conf. on Multimedia and Expo (ICME), San Jose, 2013.
- Workshop on 3D Face Biometrics (W3DFB) at FG, Shanghai, 2013.
- Workshop on Vision(s) on Deception and Non-Cooperation at FG, Shanghai, 2013.
- 2nd Int. Workshop on Emotion Representation, Analysis and Synthesis in Continuous Time and Space (EmoSPACE), Shanghai, 2013.
- 21st International Conference on Pattern Recognition (ICPR), Tsukuba, 2012.
- NIPS Machine Learning and Interpretation in Neuroimaging Workshop (MLNI), Lake Tahoe, 2012.
- Int. Workshop on Ambient Gaming, Pisa, 2012.
- International Joint Conf. on Ambient Intelligence (AmI), Pisa, 2012.
- 26th Int. British Computer Society Human Computer Interaction Conf. (BHCI), Birmingham, 2012.
- IEEE International Conf. on Frontier of Computer Science and Technology (FCST), Suzhou, 2012.
- 7th Conference on Articulated Motion and Deformable Objects (AMDO), Andratx, 2012.
- 8th International Workshop on Multimodal Corpora, Istanbul, 2012.
- IEEE 5th Int. Conf. on Biometrics: Theory, Applications and Systems (BTAS), Washington, 2012.
- IEEE Int. Conf. on Frontier of Computer Science and Technology (FCST), Changsha, 2011.
- Int. Workshop on Ambient Gaming, Amsterdam, 2011.
- 14th Int. Conf. on Computer Analysis of Images and Patterns (CAIP), Seville, 2011.
- ICMI Workshop on Multimodal Corpora for Machine Learning, Alicante, 2011.
- International Workshop on Web and Multimedia Services (WMS), Jeju, 2011.
- Int. Conf. On Image Processing (ICIP), Brussels, 2011.
- PASCAL2 Thematic Programme on Cognitive Inference & Neuroimaging, 2011.
- Workshop on Social Behavior Analysis at FG, Santa Barbara, 2011.
- The Ninth IEEE International Conference on Automatic Face and Gesture Recognition (FG), Santa Barbara, 2011.
- The Third International Conference on Next Generation Networks and Services (NGNS), Hammamet, 2011.
- European Workshop on Biometrics and Identity Management (BIOID), Brandenburg, 2011.
- ACM International Workshop on Analysis and Retrieval of Tracked Events and Motion in

- Imagery Streams (ARTEMIS), Florence, 2010.*
- *20th International Conference on Pattern Recognition (ICPR), İstanbul, 2010.*
- *ACM International Workshop on Multimodal Pervasive Video Analysis (MPVA), Florence, 2010.*
- *IEEE International Workshop on Human-Computer Interaction (HCI), Kyoto, 2009.*
- *IAPR Int. Conf. on Biometrics (ICB), Alghero, 2009.*
- *19th International Conference on Pattern Recognition (ICPR), Tampa, 2008.*
- *Int. Workshop on Distributed Sensing and Collective Intelligence in Biodiversity Monitoring, Amsterdam, 2008.*
- *European Workshop on Biometrics and Identity Management (BIOID), Roskilde, 2008.*
- *Ulusal Komite Üyesi: 3rd Int. Cognitive Neuroscience Symposium, Marmaris, 2006.*
- *Ulusal Komite Üyesi: RoboCup Turkey, 2011.*
- *Lokal Organizasyon Komite Üyesi: Int. Symp. on Computer and Information Sciences, İstanbul, 2005.*
- *Jüri Üyesi: Centre for Telematics and Information Technology (CTIT) Symp., PhD prize, Twente, 2012.*
- *Jüri Üyesi: IEEE Signal Processing and Comm. Applications Conf., Alper Atalay Award, Side, 2010.*
- *Jüri Üyesi: RoboCup@Home competition, İstanbul, 2011.*
- *Dergi Hakemliği:*
 - *Cognitive Computing,*
 - *Communications of the ACM,*
 - *Computer Vision and Image Understanding,*
 - *EURASIP Journal Journal on Image and Video Processing,*
 - *EURASIP Journal on Audio, Speech, and Music Processing*
 - *EURASIP Journal of Advances in Signal Processing,*
 - *Future Generation Computer Systems,*
 - *IEEE Pervasive Computing,*
 - *IEEE Trans. on Affective Computing,*
 - *IEEE Trans. on Autonomous Mental Development,*
 - *IEEE Trans. on Image Processing,*
 - *IEEE Trans. on Industrial Informatics,*
 - *IEEE Trans. on Information Forensics and Security,*
 - *IEEE Trans. on Multimedia,*
 - *IEEE Trans. on Pattern Analysis and Machine Intelligence,*
 - *IEEE Trans. on Systems, Man, and Cybernetics – Part B,*
 - *IET Signal Processing,*
 - *Image and Vision Computing,*
 - *Information Sciences,*
 - *Int. Journal of Control, Automation, and Systems,*
 - *Int. Journal of Human-Computer Studies,*
 - *Interaction Studies,*
 - *Journal of Electronic Imaging*
 - *Journal on Ambient Intelligence and Smart Environments,*
 - *Journal on Multimodal User Interfaces,*
 - *Machine Vision and Applications,*
 - *Neural Network World,*
 - *Neural Processing Letters,*
 - *Optical Engineering,*

- *Optics Communication,*
- *Pattern Recognition Letters,*
- *Pattern Recognition,*
- *PLOS ONE,*
- *Sensors,*
- *Signal, Image and Video Processing,*
- *Signal Processing,*
- *The Computer Journal,*
- *TÜBİTAK Elektrik,*
- Konferans Hakemliği: CVPR, ECCV, ICCV, ICIP, ICPR, ICB, IJCB, ICMI, ICME, EUSIPCO, ACM MM ve diğerleri.
- Proje Hakemliği: EU CHIST-ERA; TÜBİTAK 1001, 1002, 3001, TEYDEB; Bogazici University KOSGEB; NWO STW öne çıkan projelerdir.

DAVETLİ KONUŞMACI

- “Computational Behavioral Science for Social Interactions,” Int. Cognitive Neuroscience Symposium, 2 Mayıs 2014.
- “The Science Live Experience: Data Collection by Serving the Public,” Science Communication Conference, 1 Nisan 2014.
- “Computer Analysis of Human Behavior,” Yeditepe Üniversitesi, S. İcier, 28 Şubat 2014.
- “Applying cultural analytics to social networking sites,” Center for Mind/Brain Sciences , M. Baroni & N. Sebe), 6 Şubat 2014.
- “Computer Analysis of Human Behavior,” University of Trento, N. Sebe, 5 Şubat 2014.
- “Computer Analysis of Human Behavior,” University of Verona , M. Cristani, 3 Şubat 2014.
- “Computer Analysis of Human Behavior,” Casa Paganini-Infomus, A. Camurri, 28 Ocak 2014.
- “Playful Interactions and Serious Games,” Int. Cognitive Neuroscience Symposium, 21 Nisan 2013.
- “Analysis of dynamic and spontaneous facial affect,” Univ. of Tilburg, E. Postma, 7 Şubat 2013.
- “Applying cultural analytics to social networking sites,” Univ. of Tilburg, G. van Oortmerssen, 6 Şubat 2013.
- “Human behavior analysis for inducing behavior change,” Univ. of Tilburg, , J. Schilperoord, 5 Şubat 2013.
- “Applying cultural analytics to social networking sites,” Univ. of Tilburg , G. Chrupala, 4 Şubat 2013.
- “Facial Signals in Affect Analysis,” ATR Japan , Z. Yucel), 5 Kasım 2012.
- “Facial Signals in Affect Analysis,” HMI, Univ. of Twente , K. Truong, 18 Haziran 2012.
- “Facial Signals in Multimodal Affect Analysis,” AERFAI Yaz School on Pattern Recognition in Multimodal Human Interaction, Vigo, 4-8 Haziran, 2012.
- “Persuasion and Computer Analysis of Human Behavior,” Int. Cognitive Neuroscience Symposium, 14 Nisan 2012.
- “Social Signal Processing and Affective Computing,” İstanbul Technical Univ. , Z. Çataltepe, 4 Nisan 2012.
- “Recent Developments in Social Signal Processing,” Tilburg Workshop on Social Signal Processing , E. Postma), 28 Kasım 2011.
- “Machines Reading Minds: Attention and Affect,” CCCT Yaz School, Amsterdam, 12 Temmuz 2011.
- “Analysis of Facial Affect,” Int. Cognitive Neuroscience Symposium, Marmaris, 9 Mayıs 2011.

- “Computer Analysis of Human Behavior,” İstanbul Technical Univ. , S. Kabadayi, 30 Aralık 2010.
- “Computational Sustainability and the LifeWatch Project,” Boğaziçi Üniversitesi , H. Ekenel, 24 Aralık 2010.
- “Automatic Facial Landmarking and Registration for 3D Face Recognition,” Özyeğin University , C. Demiroğlu, 7 Mayıs 2010.
- “Automatic Facial Landmarking and Registration for 3D Face Recognition,” CVC Barcelona , J. González, 2 Temmuz 2009.
- “Perceptual Learning in Autonomous Systems,” INRIA Bordeaux, 28 Nisan 2009.
- “Attention and Curiosity: Two Processes of Learning and Knowledge Acquisition,” Int. Cognitive Neuroscience Symposium, 15 Nisan 2009.
- “Computational Models of Attention,” Boğaziçi Üniversitesi , L. Akın), 3 Nisan 2009.
- “3D Face Recognition,” Işık University , Y. Istefanopulos), 16 Şubat 2009.
- “Cognitively Inspired Artificial Intelligence Systems,” Radboud Univ. Nijmegen , I. van Rooij, 10 Ekim 2008.
- “Facial Landmarking and Registration,” Univ. of Houston , I. Kakadiaris, 15 Eylül 2008.
- “Sensor Networks for Ambient Intelligence,” Boğaziçi Univ. , F. Gürgen, 8 Nisan 2008.
- “Sensor Networks for Ambient Intelligence,” Univ. of Karlsruhe , R. Stiefelhagen, 12 Kasım 2007.
- “Smart Rooms and Ambient Intelligence,” Univ. of Sassari , M. Tistarelli, 19 Eylül 2007.
- “Biologically Motivated 3D Face Recognition,” CWI , E. Pauwels, 20 Şubat 2007.
- “A Computational Model of 3D Face Recognition,” Univ. of California San Diego , J. Movellan, 12 Şubat 2007.
- “Biologically Motivated 3D Face Recognition,” Univ. of Southern California , L. Itti, 9 Şubat 2007.
- “2D - 3D Facial Feature Localization with Mixtures of Factor Analyzers,” EBF, Brussels, 4 Ekim 2006.
- “3D Facial Feature Localization for Registration,” Sabancı Univ. , U. Sezerman, 27 Temmuz 2006.
- “Cognitively Inspired Artificial Intelligence Systems” Middle East Technical Univ. , B. Say, 15 Haziran 2006.
- “Face Recognition in Humans and Computers,” Int. Cognitive Neuroscience Symposium, 21 Mayıs 2006.
- “Incremental Mixtures of Factor Analysers,” İstanbul Technical Univ. , M. Gökmen, 24 Haziran 2004.
- “Incremental Mixtures of Factor Analysers,” Univ. of California Irvine , M. Welling, 19 Mart 2004.
- “Collective Intelligence,” EGOFUGAL: 7th Int. İstanbul Biennial, 23 Eylül 2001.

VERİLEN DERSLER

Boğaziçi Üniversitesi’nde verilen yüksek lisans dersleri:

- Principles of Artificial Intelligence (Güz’11, Güz’12, Bahar’14)
- Computer Analysis of Human Behavior (Bahar’12, Güz’13)
- Interaction Design (Bahar’13, Güz’14)
- Human-Computer Interaction (Güz’14)

Boğaziçi Üniversitesi’nde verilen lisans dersleri:

- Introduction to Cognitive Science (Güz’11, Güz’12, Güz’13, Güz’14)
- Principles of Programming Languages (Bahar’12, Bahar’13, Bahar’14)

Amsterdam Üniversitesi’nde verilen yüksek lisans dersleri:

- Intelligent Multimedia Systems (Güz’10)
- Autonomous Agents and Multi-agent Systems (Güz’10, Bahar’11)

- Linear Algebra, Statistics and MATLAB (Güz'09).

Boğaziçi Üniversitesi'nde ders asistanlıkları:

- Discrete Mathematics (Güz'99,'00,'01,'02,'03,'05,'06, Yaz'03, Bahar'06)
- Formal Languages and Automata Theory (Bahar'99,'00,'01,'02,'03)
- Machine Learning (Yaz'99)
- Intro. to Artificial Intelligence (Güz'99,'00,'01)
- Image Processing for Computer Graphics (Bahar'00)
- Special Topics: Cognitive Science (Bahar'01)
- Fundamentals of Electronic Commerce (Bahar'02)
- Multimedia Computing (Bahar'03)
- Analysis of Algorithms (Güz'03,'04,'05)
- Software Engineering (Güz'04)
- Internet Programming (Bahar'04)
- Intro. to Cryptography (Bahar'04,'05)

Sertifikalar:

- BKO: Faculty of Science Certificate Programme in Learning & Teaching in Higher Education
- MART^{ET}: Making Relevant CHOICES in Educational Technology

YAYIN LİSTESİ

DERGİ MAKALELERİ

- [1] Kaya, H., T. Özkaptan, A.A. Salah, S.F. Gürgen, "Random Discriminative Projection based Feature Selection for Computational Paralinguistics," *IEEE Signal Processing Letters*, yayında (SCIE).
- [2] Balci, K., A.A. Salah, "Automatic analysis and identification of verbal aggression and abuse in online social games", *Computers in Human Behavior*, yayında (SSCI).
- [3] Aslantaş, G., F. Gürgen, and A.A. Salah, "GA-NN Approach for ECG Feature Selection in Rule Based Arrhythmia Classification," *Neural Networks World*, vol.3, no.14, pp.267-283, 2014 (SCIE).
- [4] Akdag Salah, A.A., L. Manovich, A.A. Salah and J. Chow, "Combining Cultural Analytics and Networks Analysis: Studying a Social Network Site with User-Generated Content," *Journal of Broadcasting & Electronic Media*, Volume 57, Issue 3, pp. 409-426, 2013 (SCIE).
- [5] Akdag Salah, A., A.A. Salah, "Flow of Innovation in deviantArt: Following Artists on an Online Social Network Site," *Mind and Society*, Volume 12, Issue 1, pp. 137-149, 2013 (SCOPUS).
- [6] Yücel, Z., A.A. Salah, Ç. Meriçli, T. Meriçli, R. Valenti, Th. Gevers, "Joint Attention by Gaze Interpolation and Saliency," *IEEE Transactions on Cybernetics*, Vol.43(3), pp.829-842, 2013 (SCI).
- [7] Akdag Salah, A., A.A. Salah, B. Buter, N. Dijkshoorn, D. Modolo, Q. Nguyen, S. van Noort, B. van de Poel, "DeviantArt in Spotlight: A Network of Artists," *Leonardo*, Vol. 45, No. 5, 2012 (AHCI).
- [8] Dibeklioglu, H., A.A. Salah, Th. Gevers, "A Statistical Method for 2D Facial Landmarking," *IEEE Transactions on Image Processing*, vol. 21(2), 844 - 858 , 2012 (SCI).
- [9] Buter, B., N. Dijkshoorn, D. Modolo, Q. Nguyen, S. van Noort, B. van de Poel, A.A. Akdağ Salah, A.A. Salah, "Explorative visualization and analysis of a social network for arts: The case of deviantArt," *FTRA Journal of Convergence*, vol.2, no.2, pp.87-94, 2011.
- [10] Dibeklioglu, H., M. Ortega Hortas, I. Kosunen, P. Zuzanek, A.A. Salah, Th. Gevers, "Design and Implementation of an Affect-Responsive Interactive Photo Frame," *Journal on Multimodal User Interfaces*, vol.4, no.2, pp.81-95, 2011. (SCIE)

- [11] Poh, N., Chan, C.H., Kittler, J., Marcel, S., Mc Cool, C., Argones Rua, E., Alba Castro, J.L., Villegas, M., Paredes, R., Struc, V., Pavesic, N., Salah, A.A., Fang, H., Costen, N., "An Evaluation of Video-to-Video Face Verification," *IEEE Trans. Information Forensics and Security*, 5(4), 781-801, 2010. (SCIE)
- [12] Salah, A.A., E. Pauwels, R. Tavenard, Th. Gevers, "T-Patterns Revisited: Mining for Temporal Patterns in Sensor Data," *Sensors*, 10(8), 7496-7513, 2010. (SCIE)
- [13] Poh, N., T. Bourlai, J. Kittler, L. Allano, F. Alonso, O. Ambekar, J. Baker, B. Dorizzi, O. Fatukasi, J. Fierrez, H. Ganster, J.-O. Garcia, D. Maurer, A.A. Salah, T. Scheidat, C. Vielhauer, "Benchmarking Quality-Dependent and Cost-sensitive Multimodal Biometric Fusion Algorithms," *IEEE Transactions on Information Forensics and Security*, vol.4, no.4, pp.849-866, 2009. (SCIE)
- [14] Salah, A.A., R. Morros, J. Luque, C. Segura, J. Hernando, O. Ambekar, B. Schouten, E.J. Pauwels, "Multimodal Identification and Localization of Users in a Smart Environment," *Journal on Multimodal User Interfaces*, vol.2(2), pp.77-91, 2008. (SCIE)
- [15] Akdağ Salah, A.A., Salah, A.A., "Technoscience Art: A bridge between art history and neuroesthetics?," *Review of General Psychology*, vol 12(2), pp.147-158, 2008. (SSCI)
- [16] Salah, A.A., N. Alyüz, L. Akarun, "Registration of 3D Face Scans with Average Face Models," *Journal of Electronic Imaging*, vol.17(1), 011006, 2008. (SCIE)
- [17] Salah, A.A., H. Çınar, L. Akarun, B. Sankur, "Robust Facial Landmarking for Registration," *Annals of Telecommunications*, vol.62, no.1-2, pp.1608-1633, 2007. (SCI)
- [18] Salah, A.A., E. Alpaydın, L. Akarun, "A Selective Attention Based Method for Visual Pattern Recognition with Application to Handwritten Digit Recognition and Face Recognition," *IEEE Transactions on Pattern Analysis and Machine Intelligence*, Vol.24, No.3, pp. 420-425, Mart 2002. (SCI)

DERGİ BAŞYAZILARI

- [19] Salah, A.A., P.-Y. Oudeyer, Ç. Mericli, J. Ruiz-del-Solar, "Behavior Understanding and Developmental Robotics," *IEEE Trans. Autonomous Mental Development*, vol.6, no.2, Haziran 2014.
- [20] Salah, A.A., B.A. Schouten, S. Göbel, B. Arnrich, "Playful Interactions and Serious Games," *Journal of Ambient Intelligence and Smart Environments*, Mayıs 2014.
- [21] Salah, A.A., B. Lepri, A. Pentland, J. Canny, "Understanding and Changing Human Behavior," *IEEE Pervasive Computing*, vol 12, no 3, pp.18-20, Temmuz-Eylül 2013.
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(MS) Şamil Karahan, Gebze Yüksek Teknoloji Enstitüsü, Computer Engineering, "3D line of gaze estimation method," 27 Haziran 2013.

(MA) Nur Başak Karataş, Boğaziçi Üniversitesi, Foreign Language Education, "The Effects of Captioning on Text Recall and Cognitive Load in Audio- vs. Video-Based L2 Listening: Offline and Online Evidence from a Mobile-Assisted Language Learning Study," 29 Temmuz 2013.

(MA) Berna Arslan Uzundağ, Boğaziçi Üniversitesi, Cognitive Science, "Event segmentation on autobiographical narratives," 1 Ağustos 2013.

(MS) Binnur Görür, Boğaziçi Üniversitesi, Computer Engineering, "Developing a fitness coach robot for elderly people in assisted living environments," 20 Ağustos 2013.

(MS) Gizem İrem Kozan, İstanbul Teknik Üniversitesi, Telecommunication Engineering, "Facial database structuring and face features," 29 Mayıs 2014.

(MS) Özlem Kalay, Koç Üniversitesi, Computer Engineering, "Detection of Recognition Errors from Eye Gaze Behavior in Sketch Recognition Interfaces," 26 Ağustos 2014.

(MS) Banuçiçek Gürcüoğlu, Koç Üniversitesi, Computer Engineering, "Learning People's Perception of Messiness for Hand-drawn Sketches," 26 Ağustos 2014.

(MS) Yusuf Kuyumcu, İstanbul Teknik Üniversitesi, Electronics Engineering, "Analysis of cortex behavior by a spiking neuron model," 27 Eylül 2014.

PROJELER

Proje Yöneticisi:

- Boğaziçi Üniversitesi, BAP: "Cognitive Science Lab" – altyapı projesi (2012-2013).
- Boğaziçi Üniversitesi, BAP: "Multimodal Social Signal Processing" (2011-2013).

Proje Üyesi:

- FP7 COST IC1106, Integrating Biometrics and Forensics for the Digital Age.
- FP7 European STREP **FIRESENSE**, ENV-2009-1–244088, Fire Management via Multi-sensor Networks
- NWO VICI: Colour vision (Theo Gevers).
- NEMO Sciencelive project: Automatic age estimation
- FP7 COST 2101: Biometrics for identity documents and smart cards.
- NWO BRICKS/BSIK: Security, identification, authentication.
- FP6 European Network of Excellence **BIOSECURE**, IST-2002-507634, Biometrics for Secure Authentication.
- FP6 European Network of Excellence **SIMILAR**, IST-2002-507609, The European research taskforce creating human-machine interfaces SIMILAR to human-human communication.
- TÜBİTAK projesi: 3D Object Recognition.
- DPT projesi: Perceptual Human Computer Interaction.

Bilimsel Danışman:

- TÜBİTAK TEYDEB, 3120779, PROVUS Bilişim Hizmetleri, User Recognition in ATM Systems to Prevent Forgetting Card and Money (2012-2014).
- TÜBİTAK TEYDEB, KuveytTürk, High Security Interactive Banking Technologies (2012-2013).

BİLİMSEL ZİYARETLER

- Univ. of Trento, N. Sebe, 2014.
- Univ. of Tilburg, Tilburg Center of Cognition and Communication, E. Postma, 2013.
- ATR Japan, Z. Yucel, 2012.
- University of Amsterdam, ISLA, T. Gevers, 2012.
- Boğaziçi Üniversitesi, AILAB, L. Akin, 2009.
- Univ. of Surrey, Centre for Vision, Speech and Signal Processing, J. Kittler, 2007.
- Univ. of Sassari, Computer Vision Lab, M. Tistarelli, 2007.