

## Doç. Dr. CENGİZ ACARTÜRK

### Kişisel Bilgiler

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### Uluslararası Araştırmacı ID'leri

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Yoksis Araştırmacı ID: 110196

### Eğitim Bilgileri

Doktora, Universitaet Hamburg, Department of Informatics, Center for Intelligent Systems and Robotics (ISR), Almanya  
2006 - 2010

Yüksek Lisans, Orta Doğu Teknik Üniversitesi, Enformatik Enstitüsü, Bilişsel Bilimler Anabilim Dalı, Türkiye 2003 - 2005

Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Türkiye 1992 - 1998

### Yabancı Diller

İngilizce, C1 İleri

### Yaptığı Tezler

Doktora, Multimodal comprehension of graph-text constellations: An information processing perspective, Universitaet  
Hamburg, Knowledge And Language Processing, 2010

Yüksek Lisans, Gradient characteristics of the unaccusative/Unergative distinction in Turkish: An experimental  
investigation, Orta Doğu Teknik Üniversitesi, Enformatik Enstitüsü, Bilişsel Bilimler Anabilim Dalı, 2005

### Araştırma Alanları

Enformatik, Bilişsel Bilim, Enformasyon Teknolojileri, Bilgisayar Bilimleri, Bilgi Güvenliği ve Güvenilirliği, İnsan Bilgisayar  
Etkileşimi

### Akademik Unvanlar / Görevler

Doç. Dr., Orta Doğu Teknik Üniversitesi, Enformatik Enstitüsü, Bilişsel Bilimler Anabilim Dalı, 2018 - Devam Ediyor

Yrd. Doç. Dr., Orta Doğu Teknik Üniversitesi, Enformatik Enstitüsü, Bilişsel Bilimler Anabilim Dalı, 2012 - 2018

## Akademik İdari Deneyim

Orta Doğu Teknik Üniversitesi, Enformatik Enstitüsü, Bilişsel Bilimler Anabilim Dalı, 2013 - Devam Ediyor  
Anabilim/Bilim Dalı Başkanı, Orta Doğu Teknik Üniversitesi, Enformatik Enstitüsü, Siber Güvenlik Anabilim Dalı, 2017 - 2019  
Orta Doğu Teknik Üniversitesi, Enformatik Enstitüsü, Bilişsel Bilimler Anabilim Dalı, 2015 - 2017

## Verdiği Dersler

Visual Cognition, Yüksek Lisans, 2018 - 2019

## Yönetilen Tezler

ACARTÜRK C., Static malware detection using stacked bi-directional LSTM, Yüksek Lisans, D.DEMİRCİ(Öğrenci), 2021  
ACARTÜRK C., Breathing patterns during reading speech in Turkish, Yüksek Lisans, G.EŞDUR(Öğrenci), 2021  
ACARTÜRK C., Analysis of password attacks from the perspective of the attacker by multiple honeypots, Yüksek Lisans, K.AYDIN(Öğrenci), 2021  
ACARTÜRK C., Malware detection using transformers-based model GPT-2, Yüksek Lisans, N.ŞAHİN(Öğrenci), 2021  
ACARTÜRK C., An investigation of Turkish static spatial semantics in terms of expression variety: An eye tracking study, Yüksek Lisans, Ş.NUR(Öğrenci), 2021  
ACARTÜRK C., Evaluating dance sport for expertise: A classification approach based on verbal descriptions, Yüksek Lisans, A.CAN(Öğrenci), 2021  
ACARTÜRK C., Technology acceptance model to evaluate factors affecting adoption of the industrial internet of things (IIOT) by the industrial professionals, Yüksek Lisans, S.SELÇUK(Öğrenci), 2021  
ACARTÜRK C., Prediction of words in Turkish sentences by LSTM-based language modeling, Yüksek Lisans, A.CAN(Öğrenci), 2021  
ACARTÜRK C., Malicious code detection: Run trace analysis by LSTM, Yüksek Lisans, M.ŞİRLANCI(Öğrenci), 2021  
Kalkan S., Acartürk C., A gaze-centered multimodal approach to face-to-face interaction, Doktora, Ü.ARSLAN(Öğrenci), 2020  
ACARTÜRK C., Etkileşimli erişilebilirlik için göz takibi: iletişim arayüzlerinin kullanılabilirlik analizi, Yüksek Lisans, K.Sergen(Öğrenci), 2020  
ACARTÜRK C., Konuşma ihlalleri bulunduran etkileşimlerin Grice'in niyet-merkezli semantik bakış açısı bağlamında görsel algı aracılığıyla incelenmesi, Yüksek Lisans, B.Çağiltay(Öğrenci), 2020  
Acartürk C., ÇAKIR M. P., The role of visual features in text-based captchas: an fnirs study for usable security, Yüksek Lisans, E.MÜLAZİMOĞLU(Öğrenci), 2020  
ACARTÜRK C., THE ROLE OF EXPERTISE ON CODE REVIEW FOR SECURITY: AN EYE TRACKING STUDY, Yüksek Lisans, U.KAPLAN(Öğrenci), 2019  
Acartürk C., Continuous improvement on maturity and capability of security operation centers, Yüksek Lisans, E.SUAT(Öğrenci), 2019  
Acartürk C., Automatic detection of cyber security events from turkish twitter stream and turkish newspaper data, Yüksek Lisans, Ö.URAL(Öğrenci), 2019  
Acartürk C., Multi-sensory perception in virtual world animation using McGurk effect, Yüksek Lisans, B.ALLAHGHOLIPOUR(Öğrenci), 2019  
ACARTÜRK C., An experimental investigation of ICT expertise by gaze analysis, Yüksek Lisans, E.KAYA(Öğrenci), 2019  
Acartürk C., Detecting turkish phishing attacks with machine learning classifiers, Yüksek Lisans, M.TURHANLAR(Öğrenci), 2019  
Acartürk C., MODELLING THE EFFECTS OF MALWARE PROPAGATION ON MILITARY OPERATIONS BY USING BAYESIAN NETWORK FRAMEWORK, Yüksek Lisans, Z.ŞENGÜL(Öğrenci), 2019  
Acartürk C., The effect of kinemorphs on f-formation shapes: An investigation on human robot interaction in virtual reality, Yüksek Lisans, G.ÖZEN(Öğrenci), 2019  
Acartürk C., Bozşahin H. C., AN INVESTIGATION OF GRAMMATICAL PATTERNS IN USER PASSWORDS: A PROBABILISTIC

CONTEXT-FREE GRAMMAR APPROACH , Yüksek Lisans, R.KAAN(Öğrenci), 2018

ACARTÜRK C., Effects of a DDoS attack on a military operation, Yüksek Lisans, L.KILIÇ(Öğrenci), 2018

ACARTÜRK C., Group eye tracking verileri üzerinde recurrence quantification analysis., Yüksek Lisans, M.Tajaddini(Öğrenci), 2018

ACARTÜRK C., Farsça okumada göz hareketleri kontrolü: derlem-analitik bir yaklaşım., Yüksek Lisans, F.Soleymani(Öğrenci), 2018

ACARTÜRK C., Eye movement control in persian reading:A corpus-analytic approach, Yüksek Lisans, F.SOLEYMANI(Öğrenci), 2018

ACARTÜRK C., Recurrence quantification analysis of eye tracking data, Yüksek Lisans, M.TAJADDINI(Öğrenci), 2018

ACARTÜRK C., An experimental investigation of change blindness by group eye tracking paradigm, Yüksek Lisans, A.YASEMİN(Öğrenci), 2018

ACARTÜRK C., Deictic gaze in virtual environments, Yüksek Lisans, E.YILMAZ(Öğrenci), 2018

ACARTÜRK C., The effects of word length and suffixation on eye movement control in Turkish reading, Yüksek Lisans, T.NUR(Öğrenci), 2017

ACARTÜRK C., The use and acceptance of information and communication technologies by senior citizens: A technology acceptance model (tam) for Turkish population, Yüksek Lisans, H.GÜNER(Öğrenci), 2017

ACARTÜRK C., Perceptual span in turkish reading: A study on parafoveal information intake, Yüksek Lisans, Z.ORMANOĞLU(Öğrenci), 2017

ACARTÜRK C., Comparing mobile game interaction methods in terms of player engagement: Gaze and voice commanded control method vs. touchscreen controls, Yüksek Lisans, M.ÇAĞKAN(Öğrenci), 2017

ACARTÜRK C., Effect of goal orientation and different human-computer interaction modalities on users' engagement, Yüksek Lisans, M.FAL(Öğrenci), 2016

ACARTÜRK C., Group eye tracking, Yüksek Lisans, O.DENİZ(Öğrenci), 2016

ACARTÜRK C., ZEYREK BOZŞAHİN D., Achievement in arithmetic word problems in adults: The role of working memory, Yüksek Lisans, F.DEMİREL(Öğrenci), 2016

ACARTÜRK C., Türkçe okumada göz hareketleri kontrolü: derlem-çözümlemeli bir yaklaşım., Yüksek Lisans, F.Beken(Öğrenci), 2015

BOZŞAHİN H. C., ACARTÜRK C., Power law distributions, self-organizing behavior and popularity, Yüksek Lisans, D.GÖZDE(Öğrenci), 2015

ACARTÜRK C., Simplification in graph sketching: a comparison of rule based graph generation and human sketching, Yüksek Lisans, C.KERİMOĞLU(Öğrenci), 2015

ACARTÜRK C., Automated coherence detection with term-distance pat extraction of the co-occurrence matrix of a document, Yüksek Lisans, H.AĞIN(Öğrenci), 2015

ACARTÜRK C., Bir dokümanın tekrar matrisinin kelime-mesafe yolu çıkarımı ile otomatik metin tutarlılığı tespiti., Yüksek Lisans, H.Ağın(Öğrenci), 2015

ACARTÜRK C., Eye movement control in Turkish reading: A corpus-analytic approach, Yüksek Lisans, F.BEKEN(Öğrenci), 2015

ACARTÜRK C., ZEYREK BOZŞAHİN D., Frequency and length effects of words on fixation durations in Turkish sentence reading, Yüksek Lisans, E.EREN(Öğrenci), 2014

BAYKAL N., ACARTÜRK C., Kötü amaçlı mobil yazılımların tespiti için kullanılan sınıflandırma algoritmalarının kıyaslanması: girdi kaynağı olarak market meta verisi., Yüksek Lisans, N.Baltacı(Öğrenci), 2014

ACARTÜRK C., Communication through diagrams:Division of labor between gestures and arrows, Yüksek Lisans, M.COŞKUN(Öğrenci), 2014

ACARTÜRK C., BAYKAL N., A comparison of classification algorithms for mobile malware detection: Market metadata as input source, Yüksek Lisans, N.BALTACI(Öğrenci), 2014

ACARTÜRK C., The effect of context luminance on contrast perception, Yüksek Lisans, Z.PAMİR(Öğrenci), 2014

TEMÜRCÜ C., ACARTÜRK C., A comparison of comprehensibility between controlled Turkish and graphical representations, Yüksek Lisans, M.CANPOLAT(Öğrenci), 2013

ACARTÜRK C., ZEYREK BOZŞAHİN D., An experimental study on abstract anaphora resolution in Turkish written discourse, Yüksek Lisans, R.ERGİN(Öğrenci), 2012

ACARTÜRK C., ÇAĞILTAY K., The effects of coherence of the image used in the graphical password scheme in terms of

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **User performance and engagement in multi-user gaming Environments: An experimental investigation through the group eye tracking (GET) paradigm**  
Acartürk C., Fal M., Perit Çakır M.  
Entertainment Computing, cilt.51, 2024 (SCI-Expanded)
- II. **TURead: An eye movement dataset of Turkish reading**  
Acartürk C., Özkan A., Pekçetin T. N., Ormanoğlu Z., KIRKICI B.  
Behavior Research Methods, cilt.56, sa.3, ss.1793-1816, 2024 (SSCI)
- III. **A Naturalistic Setup for Presenting Real People and Live Actions in Experimental Psychology and Cognitive Neuroscience Studies**  
Pekçetin T. N., Evsen Ş., Pekçetin S., Acarturk C., Urgan B. A.  
Journal of Visualized Experiments, cilt.2023, sa.198, 2023 (SCI-Expanded)
- IV. **Malicious code detection in android: the role of sequence characteristics and disassembling methods**  
GÜRKAN BALIKÇIOĞLU P., ŞIRLANCI M., ACAR KÜÇÜK Ö., ULUKAPI B., Turkmen R. K., ACARTÜRK C.  
INTERNATIONAL JOURNAL OF INFORMATION SECURITY, cilt.22, sa.1, ss.107-118, 2023 (SCI-Expanded)
- V. **Expanding horizons of cross-linguistic research on reading: The Multilingual Eye-movement Corpus (MECO)**  
Siegelman N., Schroeder S., ACARTÜRK C., Ahn H., Alexeeva S., Amenta S., Bertram R., Bonandrini R., Brysbaert M., Chernova D., et al.  
BEHAVIOR RESEARCH METHODS, cilt.54, sa.6, ss.2843-2863, 2022 (SSCI)
- VI. **Interdisciplinarity in Cognitive Science: A Document Similarity Analysis**  
Alasehir O., Acarturk C.  
Cognitive science, cilt.46, sa.12, 2022 (SSCI)
- VII. **IDEST: International Database of Emotional Short Texts**  
Kaakinen J. K., Werlen E., Kammerer Y., ACARTÜRK C., Aparicio X., Baccino T., Ballenghein U., Bergamin P., Castells N., Costa A., et al.  
PLoS ONE, cilt.17, sa.10 October, 2022 (SCI-Expanded)
- VIII. **Performance in the Workplace: a Critical Evaluation of Cognitive Enhancement**  
ACARTÜRK C., MÜCEN B.  
NANOETHICS, cilt.16, sa.1, ss.107-114, 2022 (SCI-Expanded)
- IX. **Static Malware Detection Using Stacked BiLSTM and GPT-2**  
Demirci D., Sahin N., Sirlancis M., ACARTÜRK C.  
IEEE ACCESS, cilt.10, ss.58488-58502, 2022 (SCI-Expanded)
- X. **Multimodal communication in instructional settings: An investigation of the functional roles of gestures and arrows**  
Acarturk C., Coskun M., EMİL S.  
REVISTA SIGNOS, cilt.54, sa.107, ss.867-892, 2021 (AHCI)
- XI. **Speech Driven Gaze in a Face-to-Face Interaction**  
Arslan Aydin U., KALKAN S., ACARTÜRK C.  
FRONTIERS IN NEUROBOTICS, cilt.15, 2021 (SCI-Expanded)
- XII. **Integrating Mobile Multimodal Interactions based on Programming By Demonstration**  
Bellal Z., Elouali N., Benslimane S. M., ACARTÜRK C.  
INTERNATIONAL JOURNAL OF HUMAN-COMPUTER INTERACTION, cilt.37, sa.5, ss.418-433, 2021 (SCI-Expanded)
- XIII. **Eye movement control in Turkish sentence reading**  
Özkan A., Beken Fikri F., Kırkıcı B., Kliegl R., Acartürk C.  
QUARTERLY JOURNAL OF EXPERIMENTAL PSYCHOLOGY, cilt.74, sa.2, ss.377-397, 2021 (SCI-Expanded)
- XIV. **Malicious Code Detection: Run Trace Output Analysis by LSTM**

- ACARTÜRK C., ŞIRLANCI M., GÜRKAN BALIKÇIOĞLU P., Demirci D., Sahin N., ACAR KÜÇÜK Ö.  
IEEE ACCESS, cilt.9, ss.9625-9635, 2021 (SCI-Expanded)
- XV. **The Role of Visual Features in Text-Based CAPTCHAs: An fNIRS Study for Usable Security**  
Mülazimoğlu E., ÇAKIR M. P., ACARTÜRK C.  
Computational Intelligence and Neuroscience, cilt.2021, 2021 (SCI-Expanded)
- XVI. **Continuous improvement on maturity and capability of Security Operation Centres**  
ACARTÜRK C., ULUBAY M., Erdur E.  
IET INFORMATION SECURITY, cilt.15, sa.1, ss.59-75, 2021 (SCI-Expanded)
- XVII. **Anomaly-Based Intrusion Detection by Machine Learning: A Case Study on Probing Attacks to an Institutional Network**  
Tufan E., TEZCAN C., ACARTÜRK C.  
IEEE ACCESS, cilt.9, ss.50078-50092, 2021 (SCI-Expanded)
- XVIII. **Gaze aversion in conversational settings: An investigation based on mock job interview**  
ACARTÜRK C., Indurkya B., Nawrocki P., Sniezynski B., Jarosz M., USAL K. A.  
JOURNAL OF EYE MOVEMENT RESEARCH, cilt.14, sa.1, 2021 (SCI-Expanded)
- XIX. **The use and acceptance of ICT by senior citizens: a comparison of technology acceptance model (TAM) for elderly and young adults**  
Guner H., ACARTÜRK C.  
UNIVERSAL ACCESS IN THE INFORMATION SOCIETY, cilt.19, sa.2, ss.311-330, 2020 (SCI-Expanded)
- XX. **Towards a Multimodal Model of Cognitive Workload Through Synchronous Optical Brain Imaging and Eye Tracking Measures**  
Isbilir E., ÇAKIR M., ACARTÜRK C., Tekerek A. S.  
Frontiers in Human Neuroscience, cilt.13, 2019 (SCI-Expanded)
- XXI. **Multi-authoring and its impact on university rankings: a case study of CERN effect on Turkish universities**  
ÇAKIR M. P., ACARTÜRK C., Alkan S., Akbulut U.  
STUDIES IN HIGHER EDUCATION, cilt.44, sa.6, ss.1052-1068, 2019 (SSCI)
- XXII. **Gender is not simply a matter of black and white, or is it?**  
Semin G. R., Palma T., ACARTÜRK C., Dziuba A.  
PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES, cilt.373, sa.1752, 2018 (SCI-Expanded)
- XXIII. **MAGiC: A Multimodal Framework for Analysing Gaze in Dyadic Communication**  
Aydin U. A., Kalkan S., Acartürk C.  
JOURNAL OF EYE MOVEMENT RESEARCH, cilt.11, 2018 (SCI-Expanded)
- XXIV. **User interaction in hands-free gaming: a comparative study of gaze-voice and touchscreen interface control**  
Uludagli M. C., ACARTÜRK C.  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, cilt.26, sa.4, ss.1967-1976, 2018 (SCI-Expanded)
- XXV. **Secondary-Task Effects on Learning With Multimedia: An Investigation Through Eye-Movement Analysis**  
ACARTÜRK C., ÖZÇELİK E.  
JOURNAL OF EXPERIMENTAL EDUCATION, cilt.85, sa.1, ss.126-141, 2017 (SSCI)
- XXVI. **Switching reference frame preferences during verbally assisted haptic graph comprehension**  
Alacam O., Habel C., ACARTÜRK C.  
COGNITIVE PROCESSING, cilt.16, 2015 (SSCI)
- XXVII. **A comparative analysis of global and national university ranking systems**  
ÇAKIR M. P., ACARTÜRK C., Alasehir O., Cilingir C.  
SCIENTOMETRICS, cilt.103, sa.3, ss.813-848, 2015 (SCI-Expanded)
- XXVIII. **URAP-TR: a national ranking for Turkish universities based on academic performance**  
Alasehir O., ÇAKIR M. P., ACARTÜRK C., BAYKAL N., AKBULUT U.

SCIENTOMETRICS, cilt.101, sa.1, ss.159-178, 2014 (SCI-Expanded)

XXIX. **Towards a systematic understanding of graphical cues in communication through statistical graphs**  
ACARTÜRK C.

JOURNAL OF VISUAL LANGUAGES AND COMPUTING, cilt.25, sa.2, ss.76-88, 2014 (SCI-Expanded)

XXX. **Reducing the spatial distance between printed and online information sources by means of mobile technology enhances learning: Using 2D barcodes**

ÖZÇELİK E., ACARTÜRK C.

COMPUTERS & EDUCATION, cilt.57, sa.3, ss.2077-2085, 2011 (SCI-Expanded)

XXXI. **Multimodal comprehension of language and graphics Graphs with and without annotations**

ACARTÜRK C., CHRISTOPHER H., ÇAĞILTAY K., ÖZGE A.

Journal of Eye Movement Research, cilt.1, ss.1-15, 2008 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

I. **Cohesion in multimodal documents Effects of cross referencing**

ACARTÜRK C., MAİTE T., CHRISTOPHER H.

Information Design Journal, cilt.20, ss.98-110, 2013 (Scopus)

II. **Causal inference in graph text constellations Designing verbally annotated graphs**

CHRISTOPHER H., ACARTÜRK C.

TSINGHUA SCIENCE AND TECHNOLOGY, cilt.16, ss.7-12, 2011 (Scopus)

## **Kitap & Kitap Bölümleri**

I. **Analysis of Turkish referring expressions in a situated dialog context: The case of nominal demonstratives**

Büyüktekin F., Çakir M. P., Acartürk C.

Discourse Meaning, Zeyrek Deniz, Özge Umut, Editör, De Gruyter, Berlin, ss.103-136, 2020

## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

I. **Real-World Implicit Association Task for Studying Mind Perception: Insights for Social Robotics**

Pekçetin T. N., Evsen Ş., Pekçetin S., Acartürk C., Urgen B. A.

19th Annual ACM/IEEE International Conference on Human-Robot Interaction, HRI 2024, Colorado, Amerika Birleşik Devletleri, 11 - 15 Mart 2024, ss.837-841

II. **A Naturalistic Laboratory Setup for Real-World HRI Studies**

Pekçetin T. N., Evsen Ş., Pekçetin S., Karaduman T. D., Acartürk C., Urgen B. A.

19th Annual ACM/IEEE International Conference on Human-Robot Interaction, HRI 2024, Colorado, Amerika Birleşik Devletleri, 11 - 15 Mart 2024, ss.1296-1298

III. **Investigating Mind Perception in HRI through Real-Time Implicit and Explicit Measurements**

Pekçetin T. N., Acartürk C., Urgen B. A.

19th Annual ACM/IEEE International Conference on Human-Robot Interaction, HRI 2024, Colorado, Amerika Birleşik Devletleri, 11 - 15 Mart 2024, ss.139-141

IV. **Keystroke Transcription from Acoustic Emanations Using Continuous Wavelet Transform**

Ozkan A., GÜNEL KILIÇ B., ACARTÜRK C.

5th International Conference on Machine Learning for Cyber Security, ML4CS 2023, Yanuca Island, Fiji, 4 - 06 Aralık 2023, cilt.14541 LNCS, ss.1-16

V. **Studying mind perception in social robotics implicitly: The need for validation and norming**

Pekçetin T. N., Barinal B., Tunç J., Acartürk C., Urgen B. A.

18th Annual ACM/IEEE International Conference on Human-Robot Interaction, HRI 2023, Stockholm, İsveç, 13 - 16 Mart 2023, ss.202-210

- VI. **An Eye Tracking Analysis of Conversational Violations in Dyadic and Collaborative Interaction**  
Cagiltay B., ACARTÜRK C.  
16th International Conference on Augmented Cognition (AC) Held as Part of the 24th International Conference on Human-Computer Interaction (HCII), ELECTR NETWORK, 26 Haziran - 01 Temmuz 2022, cilt.13310, ss.34-47
- VII. **Goal Orientation in Human Computer Interaction Tasks: An Experimental Investigation of User Engagement and Interaction Modalities**  
Fal M., ACARTÜRK C.  
15th International Conference on Augmented Cognition, AC 2021, held as part of the 23rd International Conference, HCI International 2021, Virtual, Online, 24 - 29 Temmuz 2021, cilt.12776 LNAI, ss.147-157
- VIII. **Automatic detection of cyber security events from turkish twitter stream and newspaper data**  
Ural Ö., ACARTÜRK C.  
7th International Conference on Information Systems Security and Privacy, ICISSP 2021, Virtual, Online, 11 - 13 Şubat 2021, ss.66-76
- IX. **Cyber Warfare Integration to Conventional Combat Modeling: A Bayesian Framework**  
Sengul Z., ACARTÜRK C.  
14th International Conference on Information Security and Cryptology, ISCTURKEY 2021, Ankara, Türkiye, 2 - 03 Aralık 2021, ss.1-6
- X. **Team ReadMe at CMCL 2021 Shared Task: Predicting Human Reading Patterns by Traditional Oculomotor Control Models and Machine Learning**  
Balkoca A., Algan A. C., ACARTÜRK C., Çöltekin Ç.  
11th Workshop on Cognitive Modeling and Computational Linguistics, CMCL 2021, Virtual, Online, 10 Haziran 2021, ss.134-140
- XI. **The role of gaze as a deictic cue in human robot interaction**  
Yılmaz E., Fal M., ACARTÜRK C.  
14th International Conference on Augmented Cognition, AC 2020, held as part of the 22nd International Conference on Human-Computer Interaction, HCII 2020, Copenhagen, Danimarka, 19 - 24 Temmuz 2020, ss.466-478
- XII. **Towards a Multimodal Model of Cognitive Workload through Synchronous Optical Brain Imaging and Eye Tracking Measures**  
İşbilir E., ÇAKIR M. P., ACARTÜRK C., Tekerek A. Ş.  
2nd International Neuroergonomics Conference, 27 - 29 Haziran 2018
- XIII. **Information and Communication Technologies in Education Digital Literacy, Implications for Universities and Academic Rankings**  
ACARTÜRK C.  
Third University Mission International Conference, Rusya, 30 Kasım - 01 Aralık 2018
- XIV. **Multimodal Analysis of Gaze in VR Human-Avatar Interaction**  
ACARTÜRK C.  
DMEM-2018 2nd International Workshop Discourse, Multimodality and Experimental Methods, Şili, 6 - 09 Kasım 2018
- XV. **Inevitable Cycle of Higher Education (ICoHE): Exploring the Impact of World Ranking Systems on Higher Education Institutions and their Public Communication on University Performance.**  
EMİL S., ACARTÜRK C.  
European Conference on Educational Research, 3 - 07 Eylül 2018
- XVI. **Group eye tracking (GET) paradigm for investigating interaction under social context**  
ACARTÜRK C., ÇAKIR M. P.  
10th International Conference on Applied Human Factors and Ergonomics (AHFE 2019), 21 - 25 Temmuz 2018
- XVII. **Visual behaviour during perception of architectural drawings: Differences between architects and non architects**  
Albayrak Colaço C., ACARTÜRK C.

Eighth International Conference on Design Computing and Cognition, Milan, İtalya, 2 - 04 Temmuz 2018, ss.417-436

- XVIII. Perceptual Span in Turkish Reading: A Study on Parafoveal Information Intake**  
ORMANOĞLU Z., ACARTÜRK C., Özkan A., KILIÇ Ö., Bozkurt T. N.  
International Symposium on Brain and Cognitive Science, 06 Mayıs 2018
- XIX. Eye tracking in real and virtual interaction environments: Studies on deictic functions of gaze**  
ACARTÜRK C.  
1st International Workshop on Discourse, Multimodality and Experimental methods, 23 - 27 Ekim 2017
- XX. Dynamic gaze analysis: An application environment for face-to-face communication**  
Ülkü A. A., Kalkan S., Acartürk C.  
2017 International Artificial Intelligence and Data Processing Symposium (IDAP), Malatya, Türkiye, 16 - 17 Eylül 2017
- XXI. Group Eye Tracking (GET) Applications in Gaming and Decision Making**  
ACARTÜRK C., TAJADDİNİ M., KILIÇ Ö.  
ECEM 20th European Conference on Eye Movements, Wuppertal, Almanya, 20 - 24 Ağustos 2017, ss.35
- XXII. The Role of Letter Frequency on Eye Movements in Sentential Pseudoword Reading**  
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