

## Doç. Dr. MURAT PERİT ÇAKIR

### Kişisel Bilgiler

Web: <https://avesis.metu.edu.tr/perit>

#### Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: B-4939-2012

ScopusID: 55100830800

Yoksis Araştırmacı ID: 123171

### Eğitim Bilgileri

Doktora, Drexel University, College Of Information Science & Technology, Information Science & Technology, Amerika Birleşik Devletleri 2003 - 2009

Yüksek Lisans, University of Pennsylvania, School of Engineering, Computer & Information Science, Amerika Birleşik Devletleri 2001 - 2003

Lisans, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, Türkiye 1997 - 2001

### Yaptığı Tezler

Doktora, How online small groups co-construct mathematical artifacts to do collaborative problem solving, Drexel University, College Of Information Science & Technology, 2009

### Araştırma Alanları

Nörofizyoloji, Deneysel Psikoloji, Yapay Zeka, Bilgisayarda Öğrenme ve Örüntü Tanıma, Biyosinyal İşleme

### Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, 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, 2011 - 2018

Öğretim Görevlisi, Orta Doğu Teknik Üniversitesi, Enformatik Enstitüsü, Bilişsel Bilimler Anabilim Dalı, 2010 - 2011

Öğretim Görevlisi Dr., Drexel University, School Of Biomedical Engineering, Science & Health Systems, Biomedical Engineering, 2009 - 2010

Araştırma Görevlisi, Drexel University, College Of Information Science & Technology, Information Science & Technology, 2003 - 2009

### Akademik İdari Deneyim

Uygulama ve Araştırma Merkezi Müdürü, Orta Doğu Teknik Üniversitesi, Rektörlük, ODTÜ TSK Modelleme ve Simülasyon Araştırma ve Uygulama Merkezi, 2020 - Devam Ediyor

Enstitü Yönetim Kurulu Üyesi, Orta Doğu Teknik Üniversitesi, Enformatik Enstitüsü, 2016 - Devam Ediyor

## Yönetilen Tezler

- Çakır M. P., Veldhuizen M., The role of distraction on flavor perception, interactions with satiety and neural responses to fat, Doktora, S.RAZZAGHIASL(Öğrenci), 2023
- Çakır M. P., Development and experimental evaluation of an embodied cognitive model for piloting of air vehicles in mission flights, Doktora, Y.KAYGUSUZ(Öğrenci), 2023
- Çakır M. P., Neural mechanisms underlying joint action, Doktora, K.ALPA(Öğrenci), 2023
- Çakır M. P., Korkusuz F., Bibliometric analysis of functional near-infrared spectroscopy (FNIRS) in neuroimaging literature, Doktora, M.KOÇAK(Öğrenci), 2023
- Çakır M. P., Deep learning classification of cognitive workload levels from EEG wavelet transform images, Yüksek Lisans, V.DOĞAN(Öğrenci), 2023
- Çakır M. P., Mançe Çalışır Ö., Conversational repair strategies in adults with high functioning autism spectrum disorder: A content analysis, Yüksek Lisans, M.ODABAŞ(Öğrenci), 2023
- ÇAKIR M. P., Interaction of spatial configurations and language: an experimental inquiry, Yüksek Lisans, N.BUSE(Öğrenci), 2022
- ÇAKIR M. P., Inter-brain synchronization patterns of cooperation in the prefrontal cortex during stag hunt game via FNIRS hyperscanning, Yüksek Lisans, M.KÜSKÜ(Öğrenci), 2022
- ÇAKIR M. P., Effects of attachment styles on prefrontal cortex during naturalistic social interaction: An fNIRS based hyperscanning study, Doktora, B.YARGIÇOĞLU(Öğrenci), 2022
- ÇAKIR M. P., An experimental investigation of gaze behavior modeling in virtual reality, Yüksek Lisans, E.ESMER(Öğrenci), 2022
- Sürer E., Çakır M. P., Turkish Clickbait Detection in Social Media via Machine Learning Algorithms, Yüksek Lisans, Ş.GENÇ(Öğrenci), 2021
- Çakır M. P., EFFECTIVE CONNECTIVITY MODEL DIFFERENCES OF EMOTION REGULATION IN MAJOR DEPRESSIVE DISORDER: DYNAMIC CAUSAL MODELING ANALYSIS, Yüksek Lisans, M.ÖZAYDIN(Öğrenci), 2021
- 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
- ÇAKIR M. P., Oryantiring sporunda rota özelliklerinin karar vermeye etkisi üzerine bir durum çalışması, Yüksek Lisans, T.Gölgeli(Öğrenci), 2020
- ÇAKIR M. P., İnsan ön bilgisinin oyun başarısına etkisi ve pekişirmeli öğrenme ile kıyaslanması, Yüksek Lisans, M.Hasanoğlu(Öğrenci), 2019
- ÇAKIR M. P., Göz-izi yoluyla etkileşimin karar verme süreçleri üzerine etkisi: keynes güzellik yarışmasının deneysel bir incelemesi., Yüksek Lisans, E.Erçin(Öğrenci), 2019
- ÇAKIR M. P., Yapay sinir ağlarında yaşlar arası etki: yapay sinir ağlarında yüzsel yaş tanımlama sapmasına dair bir araştırma, Yüksek Lisans, N.Çağatay(Öğrenci), 2019
- ÇAKIR M. P., Online detection of pilot workload by using FNIR sensors, Yüksek Lisans, M.VURAL(Öğrenci), 2018
- ÇAKIR M. P., TEMÜRCÜ C., Demonstratives in turkish: on the pragmatic use of demonstratives in the context of a collaborative problem solving task, Yüksek Lisans, F.BÜYÜKTEKİN(Öğrenci), 2018
- ÇAKIR M. P., Transfer and maintenance effects of n-back working memory training in interpreting students: A behavioural and optical brain imaging study, Doktora, A.ÖZTÜRK(Öğrenci), 2018
- ÇAKIR M. P., TEMÜRCÜ C., Türkçe'de işaret ifadeleri : işbirlikçi bir problem çözme görevi bağlamında işaret ifadelerinin pragmatik kullanımı., Yüksek Lisans, F.Büyüktekin(Öğrenci), 2018
- ÇAKIR M. P., Cognitive, perceptual-motor and social factors in tool making in children, Doktora, G.GÖNÜL(Öğrenci), 2018
- ÇAKIR M. P., Cortical processes underlying metacontrast masking across different contrast polarities, Yüksek Lisans, A.AYDIN(Öğrenci), 2018
- TEMÜRCÜ C., ÇAKIR M. P., An investigation of brain-to-brain connectivity patterns during a cooperative fluid intelligence task, Yüksek Lisans, Ç.TAŞCI(Öğrenci), 2018
- TEMÜRCÜ C., ÇAKIR M. P., Decision making under uncertainty: Factors influencing mate selection in a dating application simulation, Yüksek Lisans, A.YEŞİM(Öğrenci), 2017
- ÇAKIR M. P., Hyperscanning of brain-to-brain interactions in the prefrontal cortex during a joint sentence reading task: An optical brain imaging study, Doktora, E.İŞBİLİR(Öğrenci), 2016

- ÇAKIR M. P., An empirical examination for collaborative nature of business process modeling, Doktora, D.FINDIK(Öğrenci), 2016
- ÇAKIR M. P., ÖZKAN YILDIRIM S., Using learning analytics to track learning process in virtual math teams (VMT) online environment, Doktora, G.AFACAN(Öğrenci), 2016
- ÇAKIR M. P., An embodied and extended cognitive dynamic field theory (DFT) model for piloting tasks supported with flight records, Yüksek Lisans, Y.KAYGUSUZ(Öğrenci), 2015
- ÇAKIR M. P., A dual eye tracking study of the influence of color and gaze cues on the use of referring expressions in a situated Farsi dialogue environment, Yüksek Lisans, S.RAZZAGHI(Öğrenci), 2015
- BAĞÇE S., ÇAKIR M. P., Epistemology of problem solving and an annotation framework for collaborative problem solving environments, Yüksek Lisans, T.GÜVEN(Öğrenci), 2015
- ÇAKIR M. P., Gender and personality differences in cognitive tasks: A performance and mental workload study, Yüksek Lisans, B.BATUN(Öğrenci), 2015
- ÇAKIR M. P., Usability evaluation of dynamic geometry software through eye tracking and communication breakdown analysis, Yüksek Lisans, S.YAĞMUR(Öğrenci), 2014
- BAYKAL N., ÇAKIR M. P., Bibliometric analysis of clinical medicine publications in Turkey, Yüksek Lisans, M.KOÇAK(Öğrenci), 2014
- ÇAKIR M. P., Physiological, psychological and attention related performance problems of shift work system in ASELSAN, Yüksek Lisans, E.BİLGİN(Öğrenci), 2014
- ÇAKIR M. P., The role of prefrontal cortex in purchasing decisions: An optical brain imaging study, Yüksek Lisans, O.AŞCI(Öğrenci), 2014
- ÇAKIR M. P., A case study of problem solving in eye-tracking, Yüksek Lisans, D.ÖZDEMİR(Öğrenci), 2013
- ÇAKIR M. P., Yazılım anlamada görselleştirme tekniklerinin değerlendirilmesinde yeni bir yaklaşım, Doktora, H.ALİ(Öğrenci), 2013
- ÇAKIR M. P., Examining computer supported collaborative problem solving processes using the dual-eye tracking paradigm, Yüksek Lisans, S.DENİZ(Öğrenci), 2013
- ÇAKIR M. P., Neural and ocular correlates of visuospatial problem solving processes, Yüksek Lisans, G.TÜRKMEN(Öğrenci), 2013
- ÇAKIR M. P., ÖZKAN YILDIRIM S., Usability testing of a family medicine information system, Yüksek Lisans, S.ÖZ(Öğrenci), 2012
- GÖKÇAY D., ÇAKIR M. P., The interaction of probability learning and working memory, Yüksek Lisans, F.GÖZENMAN(Öğrenci), 2012
- ÇAKIR M. P., Exploring the effects of working memory capacity, attention, and expertise on situation awareness in a flight simulation environment, Yüksek Lisans, O.ORKAN(Öğrenci), 2012
- ÇAKIR M. P., Modeling neurons that can self organize into building blocks and hierarchies: An exploration based on visual systems, Yüksek Lisans, A.GÖZE(Öğrenci), 2012
- GÖKÇAY D., ÇAKIR M. P., Olasılıksal öğrenmenin prefrontal korteksle ilişkisi, Yüksek Lisans, F.Gözenman(Öğrenci), 2012

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

- I. **Ultra-Sensitive Bio-Polymer Iontronic Sensors for Object Recognition from Tactile Feedback**  
Çiçek M. Ö., Durukan M. B., Yıldız B., Keskin D., Doğanay D., Çınar Aygün S., Çakir M. P., Ünal H. E.  
Advanced Materials Technologies, cilt.8, sa.16, 2023 (SCI-Expanded)
- II. **An embodied and cognitive model of fighter pilot high level air-to-air engagement decision**  
Kaygusuz Y., ÇAKIR M. P.  
Cognitive Systems Research, cilt.80, ss.71-80, 2023 (SCI-Expanded)
- III. **An investigation of the relationship between joint visual attention and product quality in collaborative business process modeling: a dual eye-tracking study**  
FINDIK COŞKUNÇAY D., ÇAKIR M. P.  
SOFTWARE AND SYSTEMS MODELING, cilt.21, sa.6, ss.2429-2460, 2022 (SCI-Expanded)
- IV. **We game on skyscrapers: the effects of an equity-informed game design workshop on students'**

## **computational thinking skills and perceptions of computer science**

Çakır N., Çakır M. P., Lee F. J.

ETR&D-EDUCATIONAL TECHNOLOGY RESEARCH AND DEVELOPMENT, cilt.69, sa.5, ss.2683-2703, 2021 (SSCI)

- V. **Investigation of Response Dynamics in the Simon Task with Mouse Tracking Methodology.**  
Ikizoğlu H. B., Çakır M. P.  
Noro psikiyatri arsivi, cilt.58, sa.3, ss.242-248, 2021 (SCI-Expanded)
- VI. **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)
- VII. **Mapping and clustering analysis on neuroscience literature in Turkey: a bibliometric analysis from 2000 to 2017**  
Kocak M., Garcia-Zorita C., Marugan-Lazaro S., ÇAKIR M. P., Sanz-Casado E.  
SCIENTOMETRICS, cilt.121, sa.3, ss.1339-1366, 2019 (SCI-Expanded)
- VIII. **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)
- IX. **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)
- X. **An investigation of the neural correlates of purchase behavior through fNIRS**  
ÇAKIR M. P., ÇAKAR T., Girisken Y., Yurdakul D.  
EUROPEAN JOURNAL OF MARKETING, cilt.52, ss.224-243, 2018 (SSCI)
- XI. **Behavioral and Neural Effects of Game-Based Learning on Improving Computational Fluency With Numbers**  
ÇAKIR M. P., Çakır N. A., Ayaz H., Lee F. J.  
ZEITSCHRIFT FÜR PSYCHOLOGIE-JOURNAL OF PSYCHOLOGY, cilt.224, sa.4, ss.297-302, 2016 (SSCI)
- XII. **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)
- XIII. **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)
- XIV. **How Does Software Visualization Contribute to Software Comprehension? A Grounded Theory Approach**  
Duru H. A., ÇAKIR M. P., Isler V.  
INTERNATIONAL JOURNAL OF HUMAN-COMPUTER INTERACTION, cilt.29, sa.11, ss.743-763, 2013 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **Havacılık Nöroergonomisinde Optik Beyin Görüntüleme Uygulamaları**  
ÇAKIR M. P.  
Avrupa Bilim ve Teknoloji Dergisi, cilt.0, sa.25, ss.380-391, 2021 (Hakemli Dergi)
- II. **A Comparative Evaluation of Two Computer Supported Collaborative Work Systems for Supporting Collaborative Business Process Modeling Activities**  
FINDIK COŞKUNÇAY D., ÇAKIR M. P.  
AJIT-e: Online Academic Journal of Information Technology, cilt.9, sa.33, ss.7-38, 2018 (Hakemli Dergi)
- III. **Enhancing mathematical communication for virtual math teams**  
Stahl G., ÇAKIR M. P., Weimar S., Weusijana K., Ou J.

## Kitap & Kitap Bölümleri

- I. **Investigation 17. Co-experiencing a Shared World**  
Stahl G., Zhou N., Çakir M. P., Sarmiento-Klapper J. W.  
Theoretical Investigations: Philosophical Foundations of Group Cognition, Stahl Gerry, Editör, Springer Nature, Zug, ss.397-415, 2021
- II. **Investigation 12. The Joint Organization of Interaction Within a Multimodal CSCL Medium**  
Çakir M. P., Zemel A., Stahl G.  
Theoretical Investigations: Philosophical Foundations of Group Cognition, Stahl Gerry, Editör, Springer Nature, Zug, ss.257-290, 2021
- III. **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
- IV. **The Integration of Math Discourse, Graphical Reasoning and Symbolic Expression by a Virtual Math Team**  
ÇAKIR M. P., Stahl G.  
Visual Mathematics and Cyberlearning, Martinovic D., V. Freiman V., Karadag Z., Editör, Springer, ss.49-96, 2013
- V. **Combining coding and conversation analysis of VMT chats**  
Zemel Z., Xhafa F., ÇAKIR M. P.  
Studying Virtual Math Teams, , Editör, Springer, ss.421-450, 2009
- VI. **The organization of visual, narrative, symbolic interactions**  
Çakir M. P.  
Studying Virtual Math Teams, Gerry Stahl, Editör, Springer, London/Berlin , New York, ss.99-140, 2009
- VII. **Thread-based analysis of patterns in VMT**  
ÇAKIR M. P., Xhafa F., Zhou N., Stahl G.  
Studying Virtual Math Teams, Stahl Gerry, Editör, Springer, ss.359-371, 2009
- VIII. **Reading's work in VMT**  
Zemel A., ÇAKIR M. P.  
Studying Virtual Math Teams, Stahl Gerry, Editör, Springer, ss.261-276, 2009

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Nöroergonomi: Havacılık Psikolojisi ve Ergonomisinde Nörobilim Uygulamaları**  
ÇAKIR M. P.  
19. Ulusal Sinirbilim Kongresi, Türkiye, 21 Kasım 2021
- II. **Ortak hareket sırasında EEG ve fNIRS ölçümlerine kişiliğin etkisi**  
USAL K. A., ÇAKIR M. P.  
19. Ulusal Sinirbilim Kongresi, Türkiye, 21 Kasım 2021
- III. **Neurophysiological investigation of dual N-back task with fNIRS and EEG hyperscanning**  
Usal K. A., Çakır M. P.  
18. Ulusal Sinirbilim Kongresi, Ankara, Türkiye, 6 - 09 Kasım 2020, cilt.14, ss.140-141
- IV. **Effects of attachment styles on PFC during social interaction: an fNIRS hyperscanning study**  
Yargıçoğlu Şahin B., Çakır M. P., Başkak B.  
18. Ulusal Sinirbilim Kongresi, Ankara, Türkiye, 6 - 09 Kasım 2020, cilt.14, ss.114
- V. **Investigation of brain-to-brain synchronization patterns via fNIRS hyperscanning**  
Çakır M. P.

18. Ulusal Sinirbilim Kongresi, Ankara, Türkiye, 6 - 09 Kasım 2020, cilt.14, ss.85

- VI. **Prefrontal Activity During Item-Specific Control of Attention: An fNIRS Study**  
ATALAY N. B., Türkoğlu S., ÇAKIR M. P., ERDENİZ B.  
21st Conference of the European Society for Cognitive Psychology, 25 - 28 Eylül 2019
- VII. **The Effect of Game-based Computational Thinking Workshops on Students' Computational Thinking Skills**  
Çakır N., Çakır M. P., Gaas A., Lee F.  
Biannual Conference of The European Association for Research on Learning and Instruction (EARLI) 2019, Aachen, Almanya, 12 - 16 Ağustos 2019
- VIII. **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
- IX. **Brain-to-brain Synchronization Patterns During Collaborative Problem Solving: An fNIRS Hyperscanning Study of Team Cognition**  
Taşçı Ç., ÇAKIR M. P.  
10th International Conference on Applied Human Factors and Ergonomics (AHFE 2019), 21 - 25 Temmuz 2018
- X. **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
- XI. **An Investigation of Brain-to-Brain Coherence in the Prefrontal Cortex During Joint Sentence Reading and Joint Fluid Reasoning Tasks**  
ÇAKIR M. P., İşbilir E., Taşçı Ç.  
25th Annual Meeting of the Cognitive Neuroscience Society, 24 Mart - 27 Şubat 2018
- XII. **An fNIRS Hyperscanning Study on Brain-Brain Interactions of a Dyad during a Joint Sentence Reading Task**  
İşbilir E., ÇAKIR M. P., Cummins F., Ayaz H.  
Annual Meeting of the Cognitive Science Society, 26 - 29 Temmuz 2017
- XIII. **Neural correlates of purchasing decisions in a supermarket setting with mobile fNIR and glass eye-tracker technologies**  
GİRİŞKEN Y., ÇAKAR T., ÇAKIR M. P., DEMİRCİOĞLU A.  
2017 NeuroPsychoEconomics Conference, 8 - 09 Haziran 2017
- XIV. **Polish Universities in the University Ranking of Academic Performance URAP Current Standing and Future Possibilities**  
ÇAKIR M. P.  
Polish Universities in International Perspective: Rankings and Strategic Management of a University, Varşova, Polonya, 1 - 02 Aralık 2016
- XV. **Farklı Etkileşim Yöntemlerinin İş Süreci Modelleme Evrelerine Olan Etkisinin İncelenmesi**  
FINDIK COŞKUNÇAY D., ÇAKIR M. P.  
10. Ulusal Yazılım Mühendisliği Sempozyumu, Türkiye, 24 - 26 Ekim 2016
- XVI. **Real-Time Monitoring of Cognitive Workload of Airline Pilots in a Flight Simulator with fNIR Optical Brain Imaging Technology**  
ÇAKIR M. P., Vural M., Koc S. O., Toktas A.  
10th International Conference on Augmented Cognition (AC) Held as Part of 18th International Conference on Human-Computer Interaction (HIC International), Toronto, Kanada, 17 - 22 Temmuz 2016, cilt.9743, ss.147-158
- XVII. **Neural Correlates of Purchasing Decisions in an Ecologically Plausible Shopping Scenario with Mobile fNIR Technology**  
ÇAKIR M. P., Çakar T., Giriskan Y., Demircioglu A. K.  
10th International Conference on Augmented Cognition (AC) Held as Part of 18th International Conference on Human-Computer Interaction (HIC International), Toronto, Kanada, 17 - 22 Temmuz 2016, cilt.9743, ss.135-146
- XVIII. **Usability Evaluation of a Dynamic Geometry Software Mobile Interface Through Eye Tracking**

YAĞMUR S., ÇAKIR M. P.

3rd International Conference on Learning and Collaboration Technologies (LCT) Held as Part of 18th International Conference on Human-Computer Interaction (HCI International), Toronto, Kanada, 17 - 22 Temmuz 2016, cilt.9753, ss.391-402

- XIX. **An fNIR Hyperscanning study on brain brain interactions of a dyad during a joint sentence reading task**  
İşbilir E., ÇAKIR M. P., Cummins F., Ayaz H.  
Ulusal Sinirbilim Kongresi, Türkiye, 26 - 29 Mayıs 2016, cilt.10, ss.29-30
- XX. **Investigating Brain-Brain Interactions of a Dyad using fNIR Hyperscanning during Joint Sentence Reading Task**  
İşbilir E., ÇAKIR M. P., Ayaz H., Cummins F.  
International Symposium on Brain and Cognitive Science ISBCS 2016, Türkiye, 08 Mayıs 2016
- XXI. **Neural Correlates of Computational Fluency Training with a Mobile Game An Optical Brain Imaging Study 3**  
ÇAKIR M. P., ÇAKIR N., Ayaz H., Lee F.  
Annual Meeting of the American Educational Research Association (AERA), 8 - 12 Nisan 2016
- XXII. **Neural Correlates of Computational Fluency Training with a Mobile Game An Optical Brain Imaging Study**  
ÇAKIR M. P., ÇAKIR N., Ayaz H., Lee F.  
Annual Meeting of the American Educational Research Association (AERA), 8 - 12 Nisan 2016
- XXIII. **Farkli etkileşim yöntemlerinin iş süreci modelleme evrelerine olan etkisinin incelenmesi**  
Coskunçay D. F., ÇAKIR M. P.  
10th Turkish National Software Engineering Symposium, UYMS 2016, Çanakkale, Türkiye, 24 - 26 Ekim 2016, cilt.1721, ss.99-110
- XXIV. **The Impact of Turkish Universities on Global Medical Research A Bibliometric Study**  
ÇAKIR M. P., Koçak M.  
1st International Higher Education Studies Conference (IHEC) 2015, 14 - 16 Ekim 2015
- XXV. **An Optical Brain Imaging Study on the Improvements in Mathematical Fluency from Game based Learning**  
ÇAKIR M. P., ÇAKIR N., Ayaz H., Lee F.  
Proceedings of the 2015 Annual Symposium on Computer-Human Interaction in Play, Londrina, Brezilya, 3 - 07 Ekim 2015, ss.209-219
- XXVI. **A Dynamic Field Theory Based Pilot Model To Control Aircraft Pitch Attitudes**  
Yasin K., ÇAKIR M. P.  
EuroAsianPacific Joint Conference on Cognitive Science, 25 - 27 Eylül 2015
- XXVII. **Using Optical Brain Imaging to Investigate Functional Changes During Game Based Learning**  
ÇAKIR N., ÇAKIR M. P., Lee F.  
16th Biennial EARLI Conference for Research on Learning, Limasol, Kıbrıs (Gkry), 25 Ağustos - 29 Temmuz 2015
- XXVIII. **Neural Correlates of Purchasing Behavior in the Prefrontal Cortex An Optical Brain Imaging Study**  
ÇAKIR M. P., Girişken Y., Çakar T.  
CogSci 2015 Annual Meeting of the Cognitive Science Society, 23 - 25 Temmuz 2015
- XXIX. **Methodological Challenges in Rankings How Can Scientometrics Better Inform University Rankings**  
ACARTÜRK C., ÇAKIR M. P.  
15th INTERNATIONAL CONFERENCE ON SCIENTOMETRICS & INFORMETRICS, İstanbul, Türkiye, 29 Haziran - 03 Temmuz 2015
- XXX. **Tools for Tracing the Development of Concepts through Discussions Mediated by a CSCL Environment A Case Study**  
AFACAN G., ÇAKIR M. P.  
International Conference on Computer-Supported Collaborative Learning (CSCL 2015), 7 - 11 Haziran 2015
- XXXI. **Dragging as a Referential Resource for Mathematical Meaning Making in a Collaborative Dynamic Geometry Environment**

- ÇAKIR M. P., Stahl G.  
International Conference on Computer-Supported Collaborative Learning (CSCL 2015), 7 - 11 Haziran 2015
- XXXII. **Global Üniversite Sıralamaları Kullanılan Araçlar ve Akademik Kütüphaneler**  
ÇAKIR M. P.  
51. Kütüphane Haftası, İstanbul, Türkiye, 30 Mart - 05 Nisan 2015
- XXXIII. **Simülasyon Eğitimi Sırasında Bilişsel İş Yükü Takibine Yönelik Örnek Durum Çalışmaları**  
ÇAKIR M. P.  
2. Ulusal Havacılık Tıbbi Kongresi, Türkiye, 28 - 30 Mart 2015
- XXXIV. **Uçucuda Davranışsal Sistemik Fizyolojik ve Nörofizyolojik İzleme Değerlendirme Yöntemleri**  
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- XXXV. **Gaze Coordination during Collaborative Problem Solving in GeoGebra**  
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- XXXVI. **Examination of Computer Supported Collaborative Business Process Modeling with Activity Theory**  
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- XXXVII. **Monitoring neural correlates of purchasing behavior An optical brain imaging study**  
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- XXXVIII. **Examining an Online Collaboration Learning Environment with the Dual Eye-Tracking Paradigm: The Case of Virtual Math Teams**  
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- XL. **Verbally assisted comprehension of haptic line graphs Referring expressions in a collaborative activity**  
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- XLI. **Micro analysis of referring expressions in a dual eye tracking paradigm Two case studies on voice and chat mediated interaction**  
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- XLIII. **Exploring the Effects of Working Memory Capacity Attention and Expertise on Situation Awareness in a Flight Simulation Environment**  
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- XLIV. **THE INTERACTION OF PROBABILITY LEARNING AND WORKING MEMORY**  
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- XLVI. **Tangram solved? Prefrontal cortex activation analysis during geometric problem solving**  
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- LI. **Multi user support for virtual geogebra teams**  
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- LII. **Seeing what we mean Co experiencing a shared virtual world**  
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- LIII. **Changing pattern search component during probability learning a study using fNIR neuroimaging**  
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- LIV. **Connecting Brain and Learning Sciences An Optical Brain Imaging Approach to Monitoring Development of Expertise in UAV Piloting**  
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- LV. **Interactional Achievement of Shared Mathematical Understanding in Virtual Math Teams**  
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- LVI. **Assessment of Expertise Development and Cognitive Workload of UAV Operators in a Simulated Environment A Functional Brain Imaging Approach**  
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- LVII. **Understanding and analyzing chat in CSCL as reading s work**  
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- LVIII. **Interaction analysis of dual interaction CSCL environments**  
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 International conference on Computer-Supported Collaborative Learning (CSCL 2009), 8 - 13 Haziran 2009
- LIX. **Learning as a practical achievement An interactional perspective**  
 Zemel A., ÇAKIR M. P., Zhou N., Stahl G.

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- LX. **Extending an Explanation Achievement of Locally Adequate Symmetry of Situated Expertise**  
ÇAKIR M. P., Zemel A.  
94th Annual Convention of National Communication Association (NCA), 21 - 24 Kasım 2008
- LXI. **Collaborative Information Behavior of Virtual Math Teams in a Multimodal Online Environment**  
ÇAKIR M. P., Stahl G.  
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- LXII. **Integrating synchronous and asynchronous support for group cognition in online collaborative learning**  
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- LXIII. **Reading s Work The Mechanisms of Online Chat as Social Interaction**  
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- LXIV. **The disembodied act Copresence and indexical symmetry in computer mediated communication**  
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- LXV. **The organization of collaborative math problem solving activities across dual interaction spaces**  
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- LXVI. **Shared Referencing ofMathematical Objects in Online Chat**  
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- LXVII. **What s in the mix Combining coding and conversation analysis to investigate chat based problem solving**  
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- LXVIII. **Thread based analysis of patterns of collaborative interaction in chat**  
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- LXIX. **Orchestra Rapid Collaborative Sharing of Dynamic Data**  
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## Desteklenen Projeler

ÇAKIR M. P., ACARTÜRK C., Yükseköğretim Kurumları Destekli Proje, Sosyal Etkileşim Süreçlerinin Oküler İzdüşümlerinin İkili Göz İzleme Tekniğiyle İncelenmesi, 2014 - 2015

## Metrikler

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Atıf (WoS): 240

Atıf (Scopus): 285

H-İndeks (WoS): 8

H-İndeks (Scopus): 8