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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Canakkale Onsekiz Mart University, Fen Fakültesi, Fizik, Turkey 2013 - 2019

Postgraduate, Canakkale Onsekiz Mart University, Fen Fakültesi, Fizik, Turkey 2011 - 2013

Undergraduate, Ege University, Faculty Of Science, Fizik Bölümü, Turkey 2005 - 2010

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Vocational Training, 33rd Winter School in Theoretical Physics: Exoplanets, Israel Institute for Advanced Studies, Room 130 on the Edmond J. Safra, Givat Ram Campus, 2015

Vocational Course, Model Uydu (Cansat) Tasarımı ve İmalatı Kursu, ITU Faculty of Aeronautics and Astronautics, 2014

Cyber Security, VI. Uluslararası Bilgi Güvenliği ve Kriptoloji Konferansı, Middle East Technical University, 2013

Vocational Training, 2013 Yaz Dönemi Gözlemci Eğitim Programı, Çanakkale Onsekiz Mart University Observatory, 2013

Vocational Training, 3rd Azarquel School of Astronomy, İstanbul Kültür University, 2012

Dissertations

Doctorate, STAR-PLANET SYSTEMS: MODELING AND ANALYSIS, Canakkale Onsekiz Mart University, Fen Fakültesi, Fizik, 2019

Postgraduate, PHOTOMETRIC INVESTIGATION OF SOME BETA LYRAE TYPE ECLIPSING BINARY SYSTEMS, Canakkale Onsekiz Mart University, Fen Fakültesi, Fizik, 2013

Research Areas

Physics, Astronomy and Astrophysics, Astronomy and Astrophysics: Instrumentation Techniques and Observations, Star Systems, Interstellar Medium, The Galaxy, Galactic and Extragalactic Objects and Systems, Cosmology, Natural Sciences

Academic Titles / Tasks

Associate Professor, Canakkale Onsekiz Mart University, Fen Fakültesi, Fizik, 2023 - Continues
Research Assistant PhD, Canakkale Onsekiz Mart University, Fen Fakültesi, Fizik, 2019 - 2023
Research Assistant, Canakkale Onsekiz Mart University, Fen Fakültesi, Fizik, 2011 - 2019

Courses

Fizik, Undergraduate, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **First photometric study of three eclipsing binary star systems: V495 Aur, V589 Aur and V478 Cam**
ÖZTÜRK O., ERDEM A.
New Astronomy, vol.102, 2023 (SCI-Expanded)
- II. **First TESS light curve solution and orbital period analysis of V567 And**
Öztürk O.
New Astronomy, vol.93, 2022 (SCI-Expanded)
- III. **First photometric study of two eclipsing binary star systems: V523 And and V543 And**
ÖZTÜRK O., Erdem A.
NEW ASTRONOMY, vol.92, 2022 (SCI-Expanded)
- IV. **The ultra-hot-Jupiter KELT-16 b*dynamical evolution and atmospheric properties**
Mancini L., Southworth J., Naponiello L., Baştürk Ö., Barbato D., Biagiotti F., Bruni I., Cabona L., D'ago G., Damasso M., et al.
Monthly Notices of the Royal Astronomical Society, vol.509, no.1, pp.1447-1464, 2022 (SCI-Expanded)
- V. **New photometric analysis of hot Jupiter: WASP-135b**
ÖZTÜRK O., ERDEM A.
NEW ASTRONOMY, vol.82, 2021 (SCI-Expanded)
- VI. **New photometric analysis of five exoplanets: CoRoT-2b, HAT-P-12b, TrES-2b, WASP-12b, and WASP-52b**
Öztürk O., Erdem A.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.486, no.2, pp.2290-2307, 2019 (SCI-Expanded)
- VII. **Photometric study of two beta Lyr-type binaries: DD Aqr and RR Lep**
Erdem A., Ozturk O.
NEW ASTRONOMY, vol.48, pp.33-41, 2016 (SCI-Expanded)
- VIII. **SX Aurigae: A close binary at the early stage of contact phase**
Ozturk O., Soyduğan F., Çiçek C.
NEW ASTRONOMY, vol.30, pp.100-104, 2014 (SCI-Expanded)
- IX. **Non-conservative mass transfers in Algols**
ERDEM A., ÖZTÜRK O.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.441, no.2, pp.1166-1176, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **Seçilen Kepler Cisimlerinin Geçişortası Zaman Değişimlerinin İncelenmesi**
Püsküllü Ç., Öztürk O.
Journal of advanced research in natural and applied sciences (Online), vol.9, no.3, pp.730-746, 2023 (Peer-Reviewed Journal)
- II. **TX ARI: THE SEMI-DETACHED ECLIPSING BINARY STAR SYSTEM WITH A POSSIBLE THIRD COMPONENT**

Öztürk O.

EJONS International Journal on Mathematic, Engineering and Natural Sciences , vol.6, no.21, pp.53-67, 2022 (Peer-Reviewed Journal)

III. O-C Analysis of Algol-type Eclipsing Binary UU And

Öztürk O.

Journal of advanced research in natural and applied sciences (Online), vol.6, no.2, pp.264-270, 2020 (Peer-Reviewed Journal)

IV. Period Study of V1095 Her and V1101 Her

Öztürk O., Erdem A., Aliçavuş F.

ÇANAKKALE ONSEKİZ MART ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, vol.2, no.1, pp.68-83, 2016 (Peer-Reviewed Journal)

V. ORBITAL PERIOD CHANGES OF SOME ALGOL TYPE ECLIPSING BINARIES

Öztürk O., Soyduğan F., Çiçek C., Tüysüz M.

Balkan Physics Letters, vol.21, pp.177-184, 2013 (Peer-Reviewed Journal)

Books & Book Chapters

I. FIRST TESS LIGHT CURVE SOLUTION OF CP AUR

ÖZTÜRK O.

in: International Academic Research and Reviews in Science and Mathematics - March 2023, Hasan AKGÜL (Prof. Dr.), Editor, Serüven Yayınevi, Ankara, pp.167-178, 2023

II. FIRST TESS LIGHT CURVE SOLUTION OF V458 AND

ÖZTÜRK O.

in: International Research in Science and Mathematics, Rıdvan KARAPINAR (Prof. Dr.), Editor, Platanus Publishing, Ankara, pp.79-93, 2023

Refereed Congress / Symposium Publications in Proceedings

I. FIRST PHOTOMETRIC STUDY OF ECLIPSING BINARY STAR SYSTEM KL AUR

Öztürk O.

MAS 16th INTERNATIONAL EUROPEAN CONFERENCE ON MATHEMATICS, ENGINEERING, NATURAL & MEDICAL SCIENCES, Mardin, Turkey, 22 - 23 February 2022, pp.134-143

II. First Orbital Period Analyzes of Eclipsing Binary Star Systems V440 And and V600 And

Öztürk O.

4. INTERNATIONAL SCIENCES AND INNOVATION CONGRESS, Ankara, Turkey, 19 February - 20 March 2022, pp.26-33

III. FIRST PHOTOMETRIC STUDY OF ECLIPSING BINARY STAR SYSTEM V525 AND

Öztürk O.

1st INTERNATIONAL CONFERENCE OF PHYSICS, Ankara, Turkey, 17 August 2021, pp.205-212

IV. Photometric Study of Eclipsing Binary Star System EX And

Öztürk O.

INTERNATIONAL KARABAKH APPLIED SCIENCES CONFERENCE, Baku, Azerbaijan, 17 - 19 June 2021, pp.12-18

V. Statistical examination of Orbital Elements affecting Radial Velocity Semi-Amplitude of Host Star in Star-Planet Systems

Ozturk O., Erdem A.

33rd International Physics Congress of the Turkish-Physical-Society (TPS), Bodrum, Turkey, 6 - 10 September 2017, vol.1935

VI. Orbital Periods of Two Algol-Type Binaries: AV Cep and GI Cep

APAK B., ERDEM A., ÖZTÜRK O., GÖZÜTOK M. İ., SÜRGÜT D.

34th International Physics Congress of the Turkish-Physical-Society (TPS), Konacik, Turkey, 5 - 09 September 2018, vol.2042

VII. On the Classification of Exoplanets according to Safronov Number

Ozturk O., Erdem A.

33rd International Physics Congress of the Turkish-Physical-Society (TPS), Bodrum, Turkey, 6 - 10 September 2017, vol.1935

VIII. Re-examining the Light Curves of Kepler-6b, Kepler-8b and Kepler-40b

Ozturk O., Erdem A.

34th International Physics Congress (IPS) of the Turkish-Physical-Society (TPS), Konacik, Turkey, 5 - 09 September 2018, vol.2042

IX. New Photometric Observations of HAT-P-25b and WASP-11b/HAT-P-10b

ERDEM A., ÖZTÜRK O.

34th International Physics Congress of the Turkish-Physical-Society (TPS), Konacik, Turkey, 5 - 09 September 2018, vol.2042

X. Photometric study of two neglected beta Lyr-type binaries: V342 Her & V387 Her

Aktoka Ü., Erdem A., Öztürk O., Sürgit D.

Turkish Physical Society 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016, vol.1815, pp.1-4

XI. First Photometric is Study of Two Southern Eclipsing Binaries IS Tel and DW Aps

Özer S., Surgit D., Erdem A., Ozturk O.

32nd International Physics Congress of Turkish-Physical-Society (TPS), Bodrum, Turkey, 6 - 09 September 2016, vol.1815

XII. Effect of Planetary Mass on the Orbit of Star-Planet Systems

Ozturk O., Erdem A.

32nd International Physics Congress of Turkish-Physical-Society (TPS), Bodrum, Turkey, 6 - 09 September 2016, vol.1815

XIII. Oort Sabitlerinin Yıldız Rengine Göre Değişimi

Öztürk O., Erdem A., David H.

Ulusal Astronomi Kongresi: UAK 2015, Ankara, Turkey, 2 - 06 February 2015, vol.1, no.1, pp.255-256

XIV. Yakın Yıldızların Hareketleri ve Epicycle Teorisi

Öztürk O., Erdem A., Hobbs D.

Ulusal Astronomi Kongresi: UAK 2015, Ankara, Turkey, 2 - 06 February 2015, vol.1, no.1, pp.345-346

XV. Galaktik Düzlemdeki Yakın Yıldızların Yerel Kütle Yoğunluk Profillerinin İncelenmesi

Öztürk O., Erdem A., David H.

Ulusal Astronomi Kongresi: UAK 2015, Ankara, Turkey, 2 - 06 February 2015, vol.1, no.1, pp.343-344

XVI. Nano Kaplamalı Yüzeyle ve Uzun Menzilli Silah Modeli

Ölmez R., Kuş E., Öztürk O.

III. Ulusal Nanoteknoloji Kongresi, İstanbul, Turkey, 27 - 28 February 2014, pp.19

XVII. Gerçek Zamanlı Ağır Metal Dekontaminasyonu.

Hız M. M., Öztürk O., Akı C.

II. Ulusal Nanoteknoloji Kongresi, Yıldız Teknik Üniversitesi, İstanbul, Turkey, 27 - 28 September 2012, pp.12

XVIII. DNA'nın Elektrik İletkenlik Özelliğinin Manyetik Alan Kuvveti ile Değiştirilmesi.

Öztürk O., Hız M. M., Çiçek C., Akı C.

II. Ulusal Nanoteknoloji Kongresi, Yıldız Teknik Üniversitesi, İstanbul, İstanbul, Turkey, 27 - 28 September 2012, pp.11

Supported Projects

ÖZTÜRK O., ERDEM A., Project Supported by Higher Education Institutions, İhmal Edilmiş Bazı Örten Çift Yıldızların TESS Fotometrik Analizleri, 2022 - Continues

Erdem A., Öztürk O., Project Supported by Other Official Institutions, Seçilmiş AGN'lerin uzun dönemli optik gözlemleri, 2016 - 2026

Sürgit D., Erdem A., Öztürk O., Project Supported by Higher Education Institutions, İhmal Edilmiş Algol Türü Çift Yıldız Sistemlerinin Işıkolçüm Analizleri, 2023 - 2024

Öztürk O., Erdem A., Sürgit D., Project Supported by Higher Education Institutions, Seçilen Çift Yıldızların TESS Işıkolçümü, 2023 - 2024

Erdem A., Sürgit D., Öztürk O., Project Supported by Higher Education Institutions, LT Aur ve AL Cnc Çift Yıldızlarının TESS Işıkolçümü, 2023 - 2024

ÖZTÜRK O., ERDEM A., Project Supported by Higher Education Institutions, V495 Aur V589 Aur ve V478 Cam Çift Yıldız Sistemlerinin Işıkolçüm Analizleri, 2022 - 2023

PÜSKÜLLÜ Ç., ÖZTÜRK O., Project Supported by Higher Education Institutions, Kepler teleskobu verilerinden seçilmiş cisimlerin geçiş ortası zamanlarının değişimlerinin incelenmesi, 2020 - 2021

Öztürk O., Erdem A., Project Supported by Other Official Institutions, Seçilen ötegezegenlerin beklenen yörünge dönemi kısılmalarının incelenmesi, 2018 - 2021

Öztürk O., Erdem A., Project Supported by Other Official Institutions, Yıldız-Gezegen sistemleri: Model ve analiz, 2016 - 2021

ERDEM A., ÖZTÜRK O., Project Supported by Higher Education Institutions, Seçilmiş Ötegezegenlerin Işıkolçümü, 2018 - 2020

Metrics

Publication: 34
Citation (WoS): 55
Citation (Scopus): 62
H-Index (WoS): 4
H-Index (Scopus): 4

Scholarships

TÜBİTAK 2228-B Yüksek Lisans Öğrencileri için Doktora Bursu, TUBITAK, 2013 - 2017

Erasmus+ yurtdışı doktora eğitim bursu, Lund University, European Commission, 2014 - 2014

Erasmus yurtdışı lisans eğitim bursu , European Commission, 2009 - 2010

Awards

Öztürk O., Ölmez R., Kuş E., Nanokaplamalı Yüzeyler ve Uzun Menzilli Silah Modeli, Iı. Ulusal Nanoteknoloji Kongresi Poster Bildiri Üçüncülüğü (Yıldız Teknik Üniversitesi), February 2014

Çiçekliyurt M. M., Öztürk O., Akı C., Gerçek Zamanlı Ağır Metal Dekontaminasyonu, Iı. Ulusal Nanoteknoloji Kongresi En İyi Poster Sunum Ödülü (Ytü), September 2012

Öztürk O., Fizik Bölümü Birinciliği (3.62 / 4.00), Ege Üniversitesi, June 2010

Non Academic Experience

Lund University, Astronomy and Theoretical Physics
Lund University, Department of Physics