

Res. Asst. Ahmet POLATOĞLU

Personal Information

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International Researcher IDs

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ORCID: 0000-0002-6562-8566

Publons / Web Of Science ResearcherID: W-1648-2017

Yoksis Researcher ID: 250496

Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Astronomi ve Astrofizik Anabilim Dalı, Turkey 2017 - Continues

Postgraduate, Fırat University, Faculty Of Technology, Enerji Sistemleri Mühendisliği, Turkey 2014 - 2016

Undergraduate, Hacettepe University, Mühendislik Fakültesi, Nükleer Enerji Mühendisliği Bölümü, Turkey 2008 - 2014

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, Türkiye'de Kurulacak Nükleer Santrallerde Kullanılacak Yakıtların ve Oluşacak Atıkların Teknoekonomik Açından İncelenmesi, Fırat University, Institute Of Science, 2016

Research Areas

Astronomy and Astrophysics, Nuclear physics, Basic Particles and Areas

Academic Titles / Tasks

Research Assistant, Ataturk University, Fen Fakültesi, Astronomi ve Uzay Bilimleri, 2016 - Continues

Courses

Fizik II / Elektrik Laboratuvarı, Undergraduate, 2019 - 2020

Fizik I / Mekanik Laboratuvarı, Undergraduate, 2019 - 2020

Articles Published in Other Journals

- I. **Working Principles of CCD and CMOS Sensors and Their Place in Astronomy**
Polatođlu A., Özkeseñ İ. C.
Journal of Anatolian Physics and Astronomy, vol.2, no.1, pp.51-59, 2022 (Peer-Reviewed Journal)
- II. **Dört W UMA Çift Yıldız Sisteminin Fotometrik Gözlemleri**
Er H., Sönmez E. Z., Kenger M. E., Karaman N., Akkaya E., Özkeseñ İ. C., Polatođlu A.
Journal of Anatolian Physics and Astronomy, vol.2, no.1, pp.35-42, 2022 (Peer-Reviewed Journal)
- III. **Dođu Anadolu Gözlemevine (DAG) Yönelik İlk Kozmik Işın Dedektörünün Kurulması ve Test Ölçümleri**
Polatođlu A., Yeşilyaprak C., Shameoni Niaei M., Kaya M.
Turkish Journal of Astronomy and Astrophysics, vol.3, no.2, pp.17-21, 2022 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Introduction to Astronomy and Astrophysics**
Polatođlu A.
Cinius Yayınları, İstanbul, 2019

Refereed Congress / Symposium Publications in Proceedings

- I. **Turkey's First Cosmic-Ray Muon Measurements in Antarctica**
Polatođlu A., Yeşilyaprak C., Kaya M., Şatır O.
10th International Symposium on Atmospheric Sciences (ATMOS22), İstanbul, Turkey, 18 - 21 October 2022, vol.1, no.1, pp.100-105
- II. **Detection of Muons with Scintillation Detectors and DRS4**
Polatođlu A., Gürbulak B. B., Gürbulak B.
1st INTERNATIONAL CONGRESS ON NATURAL SCIENCES (ICNAS-2021), Erzurum, Turkey, 10 September - 12 October 2021, vol.1, pp.402-406
- III. **The Effect and Importance of Cosmic Rays in Astrophysics**
Salman Ö., Polatođlu A.
1st INTERNATIONAL SYMPOSIUM ON RECENT ADVANCES IN FUNDAMENTAL AND APPLIED SCIENCES (ISFAS2021), Erzurum, Turkey, 10 September 2021, pp.437-441
- IV. **Methods of Detecting Cosmic Rays**
Polatođlu A.
MAS 5th International Journal of Mathematics, Engineering, Natural & Medical Sciences, Erzurum, Turkey, 2 - 05 May 2019, pp.153-157
- V. **OBSERVING COSMIC RAYS USING WEB CAM**
Polatođlu A., Yeşilyaprak C.
MAS 5th International Journal of Mathematics, Engineering, Natural & Medical Sciences, Erzurum, Turkey, 2 - 05 May 2019, pp.148-152

Supported Projects

YEŞİLYAPRAK C., POLATOĐLU A., Project Supported by Higher Education Institutions, Dođu Anadolu Gözlemevi (DAG) Yerleşkesinde Kozmik Parçacık Tespit Alıcı Sisteminin Geliştirilmesi ve Kurulması, 2022 - Continues

ÖZDÖNMEZ A., ER H., NASIROĐLU İ., POLATOĐLU A., EGE E., Project Supported by Higher Education Institutions, Seçilmiş bazı AGÇ'lerin kısa ve orta-uzun vadeli değışimlerinin incelenmesi, 2020 - 2022

ÖZDÖNMEZ A., KARAMAN N., SÖNMEZ E. Z., ER H., POLATOĐLU A., Project Supported by Higher Education Institutions, Gelenekten Geleceđe İslam Astronomisi, 2019 - 2020

NASIROĐLU İ., ER H., POLATOĐLU A., KENGER M. E., ÖZKESEN İ. C., Project Supported by Higher Education Institutions,
Tablete Deđil Göküzüne Bak!, 2019 - 2020

Memberships / Tasks in Scientific Organizations

European Astronomical Society, Member, 2022 - Continues, Switzerland
Türk Astronomi Derneđi, Member, 2017 - Continues

Metrics

Publication: 14

Congress and Symposium Activities

Astro Meteo alıřtayı 2019, Attendee, Erzurum, Turkey, 2019
21. Ulusal Astronomi kongresi, Attendee, Kayseri, Turkey, 2018
20. Ulusal Astronomi kongresi, Attendee, Erzurum, Turkey, 2016