

Asst. Prof. MUSTAFA HELVACI

Personal Information

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Address: Akdeniz Üniversitesi Fen Fakültesi Uzay Bilimleri ve Teknolojileri Bölümü Kampüs - Antalya

Education

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Astrofizik, Turkey 1993 - 2003

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Astrofizik, Turkey 1990 - 1992

Undergraduate Minor, Ankara University, Dijital Fabrika Teknolojileri Programı, Department of Physics, Turkey 1985 - 1989

Undergraduate, Ankara University, Dijital Fabrika Teknolojileri Programı, Astronomi Ve Uzay Bilimleri, Turkey 1985 - 1989

Undergraduate Minor, Ankara University, Dijital Fabrika Teknolojileri Programı, Department of Mathematics, Turkey 1985 - 1989

Research Areas

Physics, Astronomy and Astrophysics, Astronomy and Astrophysics: Instrumentation Techniques and Observations, Natural Sciences

Academic Positions

Assistant Professor, Istanbul Technical University, Bilişim Enstitüsü, Hesaplamalı Bilim Ve Mühendislik Anabilim Dalı, 2014 - Continues

Assistant Professor, Akdeniz University, Faculty of Science, Department of Space Sciences and Technologies, 2008 - Continues

Academic and Administrative Experience

Ankara University, Faculty of Science, Astronomi Ve Uzay Bilimleri Bölümü, 2004 - 2010

Jury Memberships

Post Graduate, Yüksek Lisans Tezi, Akdeniz Üniversitesi, February, 2014

Doctorate, Doktora Tezi Savunması, Gazi Üniversitesi, July, 2013

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Multi-Criteria Decision Analysis integrated with GIS and remote sensing for astronomical observatory site selection in Antalya province, Turkey**
KOC-SAN D., SAN B. T., BAKIŞ V., HELVACI M., EKER Z.
ADVANCES IN SPACE RESEARCH, vol.52, no.1, pp.39-51, 2013 (SCI-Expanded)
- II. **Long-term variations and periods of Mira stars from ROTSE-IIId**
YEŞİLYAPRAK C., YERLİ S. K., Guçsav B. B., Aksaker N., Dikicioglu E., Helvacı M., Coker D., Aydın M. E., Dincel B., UZUN C. N.
NEW ASTRONOMY, vol.17, no.5, pp.504-513, 2012 (SCI-Expanded)
- III. **Capacity building in emerging space nations: Experiences, challenges and benefits**
Jason S., Curiel A. d. S., Liddle D., Chizea F., LELOĞLU U. M., Helvacı M., Bekhti M., Benachir D., Boland L., Gomes L., et al.
ADVANCES IN SPACE RESEARCH, vol.46, no.5, pp.571-581, 2010 (SCI-Expanded)
- IV. **The field high-amplitude SX Phe variable BL Cam: results from a multisite photometric campaign**
Fauvaud S., Sareyan J. -, Ribas I., Rodriguez E., Lampens P., Klingenberg G., Farrell J. A., Fumagalli F., Simonetti J. H., Wolf M., et al.
ASTRONOMY & ASTROPHYSICS, vol.515, 2010 (SCI-Expanded)
- V. **New absolute magnitude calibrations for W Ursa Majoris type binaries**
Eker Z., BİLİR S., Yaz E., DEMİRCAN O., Helvacı M.
ASTRONOMISCHE NACHRICHTEN, vol.330, no.1, pp.68-76, 2009 (SCI-Expanded)
- VI. **New absolute magnitude calibrations for detached binaries**
BİLİR S., AK T., SOYDUGAN E., SOYDUGAN F., Yaz E., FİLİZ AK N., EKER Z., Demircan O., Helvacı M.
ASTRONOMISCHE NACHRICHTEN, vol.329, no.8, pp.835-844, 2008 (SCI-Expanded)
- VII. **The field high-amplitude SX Phoenicis variable BL Camelopardalis: results from a multisite photometric campaign**
Rodriguez E., Fauvaud S., Farrell J. A., Zhou A., Sareyan J., Lopez-Gonzalez M. J., Dupret M., Grigahcene A., de Ridder J., Klingenberg G., et al.
ASTRONOMY & ASTROPHYSICS, vol.471, no.1, pp.255-264, 2007 (SCI-Expanded)
- VIII. **Monitoring possible light-time effect in the orbital period of some eclipsing binaries at the Ankara University Observatory**
Albayrak B., Selam S. O., Yuce K., Helvacı M., Ak T.
ASTROPHYSICS AND SPACE SCIENCE, vol.304, no.1-4, pp.131-133, 2006 (SCI-Expanded)

Funded Projects

HELVACI M., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, DOĞUANADOLU GÖZLEMEVİ PROJESİ, 2012 - Continues

Scientific Consultations

İstanbul Teknik Üniversitesi Teknoloji Transfer Ofisi, Scientific Consultancy, Akdeniz University, Faculty Of Science, Department of Space Sciences and Technologies, Turkey, 2014 - Continues
TÜBİTAK, Scientific Consultancy, 2005 - 2010

Metrics

Publication: 8

Citation (WoS): 95

Citation (Scopus): 112

H-Index (WoS): 6

H-Index (Scopus): 6

Congress and Symposium Activities

2nd International Conference and Exhibition on Mechanical and Aerospace Engineering, Attendee, Philadelphia, Turkey, 2014

The 5th IAGA/ICMA/SCOSTEP Workshop on Vertical Coupling in the Atmosphere-Ionosphere System, Attendee, ANTALYA, Turkey, 2014

International Workshop on Astrometry in Now and Future, Attendee, ANTALYA, Turkey, 2012

13. 13th Regional Conference on Mathematical Physics, Attendee, ANTALYA, Turkey, 2011

International Summer School on Astrometry, Now and Future, Attendee, ANTALYA, Turkey, 2011

10. Workshop on Gaia-FUN-SSO follow-up network for the Solar System Objects, Attendee, PARIS, Turkey, 2010

12. United Nations International UN-Spider Workshop on Disaster Management and Space Technology, Attendee, BONN/GERMANY, Turkey, 2010

9. United Nations Workshop on Space Technology Applications for Socio-Economic Benefits, Attendee, İSTANBUL, Turkey, 2010

11. Shares Small Satellites CSSP (Collective Safety and Prosperity) International Workshop, Attendee, TUSCANY/ ITALY, Turkey, 2010

6. United Nations, the Peaceful Uses of Outer Space Office, Technical Sub Committee Meeting, Attendee, WIEN, Turkey, 2008

7. United Nations, the Peaceful Uses of Outer Space Office, General Assembly Meeting, Attendee, WIEN, Turkey, 2008

5. European Research Commission (ERC) Conference on Advanced Level Research Projects and Supports for Researchers, Attendee, ANKARA, Turkey, 2008

4. Close Binaries in the 21st Century : New Opportunities and Challenges, Attendee, SYROS, Turkey, 2005