

## Prof. SELİM OSMAN SELAM



### Personal Information

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### International Researcher IDs

ScholarID: aUvyiOMAAAAJ

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Publons / Web Of Science ResearcherID: AAG-4619-2019

ScopusID: 6602466612

Yoksis Researcher ID: 4307

### Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Astronomi Ve Uzay Bilimleri (Dr), Turkey 1991 - 1998

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Astronomi Ve Uzay Bilimleri (YI) (Tezli), Turkey 1987 - 1990

Undergraduate, Ankara University, Fen Fakültesi, Astronomi ve Uzay Bilimleri Bölümü, Turkey 1980 - 1985

### Biography

Selim O. SELAM was born in Kassel/Germany, in 1962. He completed his BSc degree at Ankara University, Faculty of Science, Department of Astronomy and Space Sciences in 1985. He started to work as a research assistant at the same department in 1986. He received his MSc degree in 1990 and PhD degree in 1998 from Astronomy and Space Sciences Department of the Graduate School of Natural and Applied Sciences at Ankara University. In 2001, he has studied as a postdoctoral fellow at School of Physics and Astronomy in Nottingham University. He became an assistant professor in 2001, associated professor in 2005 and a full professor in 2011 at Ankara University. He actively joined to the site testing and establishment works of the TÜBİTAK Turkish National Observatory (TUG) for a long time and served as a technical consultant. He gave important contributions to the re-establishment works of the Ankara University Kreiken Observatory. He received the "Research and Encouragement Award" of METU Mustafa Parlar Education and Research Foundation in 1991, the "Best PhD Thesis Award in Science and Engineering" of Fulbright Association in 1999, and "Astronomy Science Award" of Istanbul University (in the name of Prof. Nüzhet Gökdoğan) in 2008 with his works on Stellar Astrophysics, especially in the field of Close Binary Stars. He has performed several administrative duties in various times at the university (department head, observatory director, faculty board member, senate member and Dean of the Science Faculty). He made the Turkey's first exoplanet discovery together with his research team in 2017. He continued his research works on "Light and Period Changes of Close Binary Stars" and "Exoplanets". He is an active member of the International Astronomical Union (IAU).

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, Period Variations of Close Binary Stars, Ankara University, Fen Bilimleri Enstitüsü, Astronomi Ve Uzay Bilimleri (Dr), 1998

Postgraduate, A Catalogue of the observational and theoretical parameters of contact and near-contact binary stars, Ankara University, Fen Bilimleri Enstitüsü, Astronomi Ve Uzay Bilimleri (YI) (Tezli), 1990

## Research Areas

Physics, Astronomy and Astrophysics, Natural Sciences

## Academic Titles / Tasks

Professor, Ankara University, Fen Fakültesi, Astronomi ve Uzay Bilimleri Bölümü, 2011 - Continues

Associate Professor, Ankara University, Fen Fakültesi, Astronomi ve Uzay Bilimleri Bölümü, 2005 - 2011

Assistant Professor, Ankara University, Fen Fakültesi, Astronomi ve Uzay Bilimleri Bölümü, 2001 - 2005

Research Assistant, Ankara University, Fen Fakültesi, Astronomi ve Uzay Bilimleri Bölümü, 1986 - 2001

## Academic and Administrative Experience

Head of Department, Ankara University, Fen Fakültesi, Astronomi ve Uzay Bilimleri Bölümü, 2019 - Continues

Head of Department, Ankara University, Fen Fakültesi, Astronomi ve Uzay Bilimleri Bölümü, 2015 - Continues

Dean, Ankara University, Fen Fakültesi, 2017 - 2020

Head of Department, Ankara University, Fen Fakültesi, Astronomi ve Uzay Bilimleri Bölümü, 2015 - 2018

Head of Department, Ankara University, Fen Fakültesi, Astronomi ve Uzay Bilimleri Bölümü, 2012 - 2015

Head of Department, Ankara University, Fen Fakültesi, Astronomi ve Uzay Bilimleri Bölümü, 2012 - 2015

Deputy Head of Department, Ankara University, Fen Fakültesi, Astronomi ve Uzay Bilimleri Bölümü, 2003 - 2008

## Courses

Thesis Work, Postgraduate, 2023 - 2024, 2022 - 2023

PRACTICAL ASTRONOMY, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007

Uzmanlık Alan Dersi, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

SOLAR SYSTEM, Undergraduate, 2023 - 2024

PHOTOMETRIC PROPERTIES OF VARIABLE STARS, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

UPPER ATMOSPHERES OF COOL STARS, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

SOLAR SYSTEM, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007

LUNAR AND SOLAR ECLIPSES, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007  
UPPER ATMOSPHERES OF COOL STARS, Postgraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002  
PHOTOMETRIC PROPERTIES OF VARIABLE STARS, Postgraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003  
OBSERVATIONAL ASTRONOMY, Undergraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008  
SOLAR SYSTEM, Undergraduate, 2010 - 2011, 2007 - 2008, 2006 - 2007  
LUNAR AND SOLAR ECLIPSES, Undergraduate, 2008 - 2009, 2007 - 2008, 2006 - 2007  
OBSERVATIONAL ASTRONOMY, Undergraduate, 2007 - 2008  
PRACTICAL ASTRONOMY, Undergraduate, 2007 - 2008, 2006 - 2007  
LUNAR AND SOLAR ECLIPSES, Undergraduate, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003  
PRACTICAL ASTRONOMY, Undergraduate, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003  
SOLAR SYSTEM, Undergraduate, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003  
PRACTICAL ASTRONOMY, Undergraduate, 2001 - 2002, 2000 - 2001

## Advising Theses

Selam S. O., ETV Analysis of Eclipsing Binary Stars UZ Lyr and FL Lyr, Postgraduate, A.TEMELCİ(Student), Continues  
Selam S. O., Tez konusu henüz belirlenmedi, Postgraduate, B.DURU(Student), Continues  
Selam S. O., Yersabit yörünge haberleşme uydularının astronomik gözlem amaçlı kullanımının teknik ve maliyet açısından değerlendirilmesi, Postgraduate, C.ALTIKULAÇOĞLU(Student), 2022  
Selam S. O., Çoklu yıldız sistemlerindeki yıldızaltı cisimlerin yörünge kararlılıkları, Doctorate, E.ESMER(Student), 2022  
Selam S. O., A Radio Telescope Design for 21 cm Hydrogen Observation, Postgraduate, B.DİNÇ(Student), 2021  
SELAM S. O., Kepler verileriyle güneş benzeri bileşenli bazı örten çiftlerin yüzey parlaklık dağılımının haritalanması, Doctorate, İ.ÖZAVCI(Student), 2017  
Selam S. O., Çoklu yıldız sistemlerinde zamanlama yöntemi ile ötegezegen keşfi, Postgraduate, E.ESMER(Student), 2015  
SELAM S. O., Soğuk yıldızlarda farklı hız alanlarının ayıklanması: Ötegezegen keşfindeki zorlukların aşılması, Doctorate, Ö.BAŞTÜRK(Student), 2012  
SELAM S. O., Hassas radyal hız ölçümleriyle G-türü dev yıldızların çevresinde gezegen araştırmaları, Doctorate, M.YILMAZ(Student), 2011  
SELAM S. O., W UMA türü değen çift U pegasi'nin ışık eğrisi ve dönem analizi, Postgraduate, D.ÖZUYAR(Student), 2007  
SELAM S. O., HIPPARCOS katoloğunda yanlış kodlanmış olası örten çift yıldızların ayıklanması, Postgraduate, İ.ÖZAVCI(Student), 2005  
SELAM S. O., Yakın çift yıldızların ışık eğrisi analizi için "Nightfall" programının uygulanması, Postgraduate, M.YILMAZ(Student), 2004

## Advising Graduates (Non-Thesis)

Selam S. O., Light Curve Analysis of Algol Type Eclipsing Binaries Discovered by HIPPARCOS Satellite, Masters (Non-Thesis), B.MAHMUTOĞLU(Student), 2006

## Published journal articles indexed by SCI, SSCI, and AHCI

1. Eclipse timing variations of evolved eclipsing binaries: potential targets for meter-sized telescopes in the light of TESS observations

Esmer E. M., Baştürk Ö., Selam S. O., Akar F., Sertkan E., Güler B., Yalçinkaya S.

CONTRIBUTIONS OF THE ASTRONOMICAL OBSERVATORY SKALNATE PLESO, vol.54, no.2, pp.228-233, 2024 (SCI-Expanded)

- II. **Revisiting planetary systems in the Okayama Planet Search Program: A new long-period planet, RV astrometry joint analysis, and a multiplicity-metallicity trend around evolved stars**  
Teng H., Sato B., Kuzuhara M., Takarada T., Omiya M., Harakawa H., Izumiura H., Kambe E., Yılmaz M., Bikmaev I., et al.  
PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN, vol.75, pp.1030-1071, 2023 (SCI-Expanded)
- III. **Testing the planetary hypothesis of NY Virginis: anticipated change in the eclipse timing trend within the next five years**  
Esmer E. M., Baştürk Ö., Selam S. O.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.525, no.4, pp.6050-6063, 2023 (SCI-Expanded)
- IV. **Monitoring spots via the TESS data strengthened by the ETV behaviour: An investigation on the contact binary PP Lac**  
Yılmaz M., Şenavcı H. V., Bahar E., Özavcı İ., Nelson R. H., Selam S. O., Zola S., Gazeas K.  
NEW ASTRONOMY, vol.101, pp.1-15, 2023 (SCI-Expanded)
- V. **Detection of two additional circumbinary planets around Kepler-451**  
ESMER E. M., BAŞTÜRK Ö., SELAM S. O., ALIŞ S.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.511, no.4, pp.5207-5216, 2022 (SCI-Expanded)
- VI. **RR Draconis: An Algol-Type Eclipsing Binary with a Possible Massive Tertiary Companion**  
Senavcı H. V., Ceki A., Esmer E. M., Yalçinkaya S., Latkovic O., Bahar E., Yılmaz M., Basturk Ö., Ozavcı İ., Yorukoglu O., et al.  
ACTA ASTRONOMICA, vol.72, no.1, pp.31-53, 2022 (SCI-Expanded)
- VII. **Revisiting the analysis of HW Virginis eclipse timing data: I. A frequentist data modeling approach and a dynamical stability analysis**  
ESMER E. M., BAŞTÜRK Ö., Hinse T. C., SELAM S. O., Correia A. C. M.  
ASTRONOMY & ASTROPHYSICS, vol.648, 2021 (SCI-Expanded)
- VIII. **Analysis of the Most Precise Light Curves of HAT-P-36**  
YALÇINKAYA S., BAŞTÜRK Ö., El Helweh F., ESMER E. M., Yorukoglu O., YILMAZ M., ŞENAVCI H. V., KILIÇOĞLU T., SELAM S. O.  
ACTA ASTRONOMICA, vol.71, no.3, pp.223-242, 2021 (SCI-Expanded)
- IX. **Orbital Period Analysis of Four Eclipsing Binaries XY Boo, RW Com, MR Del and AK Her**  
ÖZAVCI İ., ÖZUYAR D., ŞENAVCI H. V., YILMAZ M., BAHAR E., BAŞTÜRK Ö., KILIÇOĞLU T., Elmaslı A., Caliskan Ş., Izci D. D., et al.  
ACTA ASTRONOMICA, vol.70, no.1, pp.33-52, 2020 (SCI-Expanded)
- X. **A highly eccentric spectroscopic binary star: HD 5624**  
YILMAZ M., SELAM S. O., Izumiura H., Bikmaev I., Sato B., Keskin V., Kambe E.  
CONTRIBUTIONS OF THE ASTRONOMICAL OBSERVATORY SKALNATE PLESO, vol.49, no.2, pp.450-452, 2019 (SCI-Expanded)
- XI. **Recurrent star-spot activity and differential rotation in KIC 11560447**  
Ozavcı İ., ŞENAVCI H. V., Isik E., Hussain G. A. J., O'Neal D., YILMAZ M., SELAM S. O.  
Monthly Notices of the Royal Astronomical Society, vol.474, no.4, pp.5534-5548, 2018 (SCI-Expanded)
- XII. **A simultaneous spectroscopic and photometric study of two eclipsing binaries: V566 Oph and V972 Her**  
SELAM S. O., ESMER E. M., ŞENAVCI H. V., BAHAR E., Yorukoglu O., YILMAZ M., BAŞTÜRK Ö.  
ASTROPHYSICS AND SPACE SCIENCE, vol.363, no.2, 2018 (SCI-Expanded)
- XIII. **A Jupiter-mass planet around the K0 giant HD 208897**  
YILMAZ M., Sato B., Bikmaev I., SELAM S. O., Izumiura H., Keskin V., Kambe E., Melnikov S. S., Galeev A., Ozavcı İ., et al.  
Astronomy and Astrophysics, vol.608, 2017 (SCI-Expanded)
- XIV. **Precise Orbital Solutions for KEPLER Eclipsing Binaries of W UMa Type Showing Total Eclipses**

ŞENAVCI H. V., Dogruel M. B., Nelson R. H., YILMAZ M., SELAM S. O.

PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF AUSTRALIA, vol.33, 2016 (SCI-Expanded)

- XV. **Astronomical site selection for Turkey using GIS techniques**  
Aksaker N., YERLİ S. K., Erdogan M. A., Erdi E., Kaba K., Ak T., Aslan Z., Bakis V., Demircan O., EVREN M. S., et al.  
EXPERIMENTAL ASTRONOMY, vol.39, no.3, pp.547-566, 2015 (SCI-Expanded)
- XVI. **Low mass stellar companions around four giant stars**  
YILMAZ M., Bikmaev I., Sato B., SELAM S. O., Galeev A. I., Keskin V., Izumiura H., Irtuganov E. N., Kambe E., Ozavci İ., et al.  
New Astronomy, vol.34, pp.108-113, 2015 (SCI-Expanded)
- XVII. **The absolute parameters of two W UMa type binaries in Ursa Majoris**  
YILMAZ M., BAŞTÜRK Ö., Ozavci İ., ŞENAVCI H. V., SELAM S. O.  
New Astronomy, vol.34, pp.271-277, 2015 (SCI-Expanded)
- XVIII. **PHOTOMETRIC ANALYSIS OF OVERCONTACT BINARIES AK HER, HI DRA, V1128 TAU, AND V2612 OPH**  
Caliskan Ş., Latkovic O., Djurasevic G., Ozavci İ., BAŞTÜRK Ö., Cseki A., ŞENAVCI H. V., KILIÇOĞLU T., YILMAZ M., SELAM S. O.  
ASTRONOMICAL JOURNAL, vol.148, no.6, 2014 (SCI-Expanded)
- XIX. **High precision defocused observations of planetary transits**  
BAŞTÜRK Ö., Hinse T. C., Ozavci İ., Tezcan C. T., ŞENAVCI H. V., Burdanov A., Yorukoglu O., Orhan R., SELAM S. O.  
Contributions of the Astronomical Observatory Skalnaté Pleso, vol.43, no.3, pp.402-407, 2014 (SCI-Expanded)
- XX. **Extrasolar planet searches at the TUG: Test observations and capabilities**  
YILMAZ M., SELAM S. O., Sato B., Izumiura H., Bikmaev I., Ando H., Kambe E., Keskin V.  
NEW ASTRONOMY, vol.20, pp.24-29, 2013 (SCI-Expanded)
- XXI. **Physical parameters of some close binaries: ET Boo, V1123 Tau, V1191 Cyg, V1073 Cyg and V357 Peg**  
Ekmekci F., Elmasli A., YILMAZ M., KILIÇOĞLU T., Tanriverdi T., BAŞTÜRK Ö., ŞENAVCI H. V., Caliskan Ş., Albayrak B., SELAM S. O.  
NEW ASTRONOMY, vol.17, no.7, pp.603-609, 2012 (SCI-Expanded)
- XXII. **Bisectors of the HARPS cross-correlation function The dependence on stellar atmospheric parameters**  
BAŞTÜRK Ö., Dall T. H., Collet R., Lo Curto G., SELAM S. O.  
ASTRONOMY & ASTROPHYSICS, vol.535, 2011 (SCI-Expanded)
- XXIII. **DN Bootis: A low mass-ratio W UMa-type contact binary**  
ŞENAVCI H. V., Nelson R. H., Oezavci İ., SELAM S. O., Albayrak B.  
New Astronomy, vol.13, no.7, pp.468-472, 2008 (SCI-Expanded)
- XXIV. **A photometric study of the WUMa type eclipsing binary V376 And**  
Djurasevic G., Ekmekci F., Albayrak B., SELAM S. O., Erkapic S.  
REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, vol.44, no.2, pp.249-257, 2008 (SCI-Expanded)
- XXV. **Medium-resolution Isaac Newton Telescope library of empirical spectra - II. The stellar atmospheric parameters**  
Cenarro A. J., Peletier R. F., Sanchez-Blazquez P., SELAM S. O., Toloba E., Cardiel N., Falcon-Barroso J., Gorgas J., Jimenez-Vicente J., Vazdekis A.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.374, no.2, pp.664-690, 2007 (SCI-Expanded)
- XXVI. **Orbital period variation of the eclipsing binary system TT Herculis**  
SELAM S. O., Albayrak B.  
ASTRONOMISCHE NACHRICHTEN, vol.328, no.2, pp.154-158, 2007 (SCI-Expanded)
- XXVII. **The Blazhko effect of RR Lyrae in 2003-2004**  
Kolenberg K., Smith H. A., Gazeas K. D., Elmasli A., Breger M., Guggenberger E., Van Cauteren P., Lampens P., Reegen P., Niarchos P. G., et al.  
Astronomy and Astrophysics, vol.459, no.2, pp.577-588, 2006 (SCI-Expanded)
- XXVIII. **Medium-resolution isaac newton telescope library of empirical spectra**  
Sanchez-Blazquez P., Peletier R. F., Jimenez-Vicente J., Cardiel N., Cenarro A. J., Falcon-Barroso J., Gorgas J., SELAM S.

O., Vazdekis A.

MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.371, no.2, pp.703-718, 2006 (SCI-Expanded)

- XXIX. **Monitoring secular orbital period variations of some eclipsing binaries at the Ankara University Observatory**  
YÜCE K., SELAM S. O., Albayrak B., Ak T.  
ASTROPHYSICS AND SPACE SCIENCE, vol.304, no.1-4, pp.67-69, 2006 (SCI-Expanded)
- XXX. **Possible light-time effect in the eclipsing binary system TY Boo**  
Elmasli A., SELAM S. O., Albayrak B., ÖZUYAR D.  
ASTROPHYSICS AND SPACE SCIENCE, vol.304, no.1-4, pp.189-190, 2006 (SCI-Expanded)
- XXXI. **Monitoring possible light-time effect in the orbital period of some eclipsing binaries at the Ankara University Observatory**  
Albayrak B., SELAM S. O., YÜCE K., Helvacı M., Ak T.  
ASTROPHYSICS AND SPACE SCIENCE, vol.304, no.1-4, pp.131-133, 2006 (SCI-Expanded)
- XXXII. **The period variation of V839 Oph**  
ŞENAVCI H. V., Albayrak B., SELAM S. O., Ak T.  
ASTROPHYSICS AND SPACE SCIENCE, vol.304, no.1-4, pp.35-37, 2006 (SCI-Expanded)
- XXXIII. **A photometric study of the contact binaries: XY Leo, EE Cet and AQ Psc**  
Djurasevic G., Dimitrov D., Arbutina B., Albayrak B., SELAM S. O., Atanackovic-Vukmanovic O.  
PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF AUSTRALIA, vol.23, no.4, pp.154-164, 2006 (SCI-Expanded)
- XXXIV. **A photometric study of eclipsing binary V351 Pegasi**  
Albayrak B., Djurasevic G., SELAM S. O., Atanackovic-Vukmanovic O., YILMAZ M.  
NEW ASTRONOMY, vol.10, no.3, pp.163-172, 2005 (SCI-Expanded)
- XXXV. **First ground-based photometry and light curve analysis of the recently discovered contact binary Hx uma**  
SELAM S. O., Albayrak B., YILMAZ M., ŞENAVCI H. V., Ozavci İ., Cetintas C.  
Astrophysics and Space Science, vol.296, no.1-4, pp.305-308, 2005 (SCI-Expanded)
- XXXVI. **Light-time effect in the eclipsing binary system AM Leonis**  
Albayrak B., SELAM S. O., Ak T., Elmasli A., Ozavci İ.  
Astronomische Nachrichten, vol.326, no.2, pp.122-126, 2005 (SCI-Expanded)
- XXXVII. **Light curve solution and orbital period analysis of the contact binary V842 Herculis**  
SELAM S. O., Albayrak B., ŞENAVCI H. V., Aksu O.  
ASTRONOMISCHE NACHRICHTEN, vol.326, no.8, pp.746-753, 2005 (SCI-Expanded)
- XXXVIII. **Photometric solution of the eclipsing binary V351 Pegasi**  
Albayrak B., Djurasevic G., SELAM S. O., YILMAZ M., Erkapic S., Aksu O., Tanriverdi T.  
ASTROPHYSICS AND SPACE SCIENCE, vol.296, no.1-4, pp.293-296, 2005 (SCI-Expanded)
- XXXIX. **A photometric study of the recently discovered eclipsing binary V776 Cassiopei**  
Djurasevic G., Albayrak B., SELAM S. O., Erkapic S., ŞENAVCI H. V.  
NEW ASTRONOMY, vol.9, no.6, pp.425-434, 2004 (SCI-Expanded)
- XL. **A new light-time effect study of TX Herculis**  
Ak T., Albayrak B., SELAM S. O., Tanriverdi T.  
NEW ASTRONOMY, vol.9, no.4, pp.265-272, 2004 (SCI-Expanded)
- XLI. **Key parameters of WUMA-type contact binaries discovered by HIPPARCOS**  
SELAM S. O.  
ASTRONOMY & ASTROPHYSICS, vol.416, no.3, pp.1097-1105, 2004 (SCI-Expanded)
- XLII. **Dome automation of the RTT150 Russian-Turkish telescope building at TUBITAK National Observatory**  
Kocak M., Keskin V., SELAM S. O.  
ASTRONOMISCHE NACHRICHTEN, vol.325, no.6-8, pp.655, 2004 (SCI-Expanded)
- XLIII. **Meteorological monitoring system of TUBITAK National Observatory**  
Kocak M., SELAM S. O., Keskin V.  
ASTRONOMISCHE NACHRICHTEN, vol.325, no.6-8, pp.652-654, 2004 (SCI-Expanded)

- XLIV. Preliminary results of the alignment and Hartmann tests of the AZT-22 telescope**  
Aslan Z., Bikmaev I., Vitrichenko E., Gumerov R., Dembo L., Kamus S., Keskin V., Kiziloglu U., Pavlinsky M., Panteleev L., et al.  
ASTRONOMY LETTERS-A JOURNAL OF ASTRONOMY AND SPACE ASTROPHYSICS, vol.27, no.6, pp.398-403, 2001  
(SCI-Expanded)
- XLV. Cyclic Nature of the Orbital Period Variations of some Algol-type Binaries**  
SELAM S. O., Demircan O.  
Turkish Journal of Physics, vol.23, no.2, pp.301-311, 1999 (SCI-Expanded)
- XLVI. A PERIOD STUDY OF XZ ANDROMEDAE**  
DEMIRCAN O., AKALIN A., SELAM S. O., DERMAN E., MUYESSEROGLU Z.  
ASTRONOMY & ASTROPHYSICS SUPPLEMENT SERIES, vol.114, no.1, pp.167-170, 1995 (SCI-Expanded)
- XLVII. THE LIGHT AND PERIOD VARIATION OF CV-CYGNI**  
DEMIRCAN O., MUYESSEROGLU Z., SELAM S. O., AKAHN A.  
ASTRONOMY & ASTROPHYSICS, vol.297, no.2, pp.364-368, 1995 (SCI-Expanded)
- XLVIII. UVB PHOTOMETRY OF THE CONTACT BINARY AB-ANDROMEDAE**  
DEMIRCAN O., DERMAN E., AKALIN A., SELAM S. O., MUYESSEROGLU Z.  
ASTRONOMY & ASTROPHYSICS SUPPLEMENT SERIES, vol.106, no.3, pp.373-376, 1994 (SCI-Expanded)
- XLIX. LIGHT-CURVE AND PERIOD CHANGES OF AB ANDROMEDAE**  
DEMIRCAN O., DERMAN E., AKALIN A., SELAM S. O., MUYESSEROGLU Z.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.267, no.1, pp.19-25, 1994 (SCI-Expanded)
- L. LONG-TERM BEHAVIOR OF THE ORBITAL PERIOD OF ALGOL-TYPE BINARY ST PERSEI**  
DEMIRCAN O., SELAM S. O.  
ASTRONOMY & ASTROPHYSICS SUPPLEMENT SERIES, vol.98, no.3, pp.513-521, 1993 (SCI-Expanded)
- LI. A PERIOD STUDY OF SS ARIETIS AND ITS IMPLICATIONS FOR THE MULTIPLICITY OF THE SYSTEM**  
DEMIRCAN O., SELAM S. O.  
ASTRONOMY & ASTROPHYSICS, vol.267, no.1, pp.107-110, 1993 (SCI-Expanded)
- LII. A LONG-PERIOD ECLIPSING BINARY TAU-PERSEI**  
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## Congress and Symposium Activities

23. Ulusal Astronomi Kongresi, Attendee, İstanbul, Turkey, 2024

## Scholarships

NATO-B2, NATO, 2001 - 2001

## Awards

Yılmaz M., Selam S. O., Keskin V., Özavcı İ., Bilime Katkı Ödülü, Özel İzmir Türk Koleji, November 2017  
Selam S. O., Prof. Nuzhet GOKDOGAN Astronomy Science Award, İstanbul Üniversitesi, April 2008  
Selam S. O., Best Dissertation Award, Türkiye Fulbright Derneği, December 1999  
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Selam S. O., Demircan O., Derman İ. E., Müyesseroğlu Z., Akalın A., Works on Photometric Observations of Variable Stars at Ankara University Observatory, O.D.T.Ü. Prof. Mustafa Parlar Eğitim Ve Araştırma Vakfı, June 1992