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EDUCATION & DEGREES

January 2007 Associate Professorship Degree by Higher Education Council, Ankara

May 2002 Doctor of Philosophy (Physics) University of Alabama in Huntsville, USA, Dissertation title: Observational Studies of Soft Gamma Repeater Bursts

Feb 1997 Master of Science (Physics) METU, Ankara
Thesis title: Spectral & Timing Analysis of Cataclysmic Variables

Jun 1994 Bachelor of Science (Physics) METU, Ankara

RESEARCH EXPERIENCE & EMPLOYEMENT

October 2005 – present: Assistant Professor
Sabancı University, Istanbul TURKEY

April 2003 – September 2005: Post-doc Research Associate
Sabancı University, Istanbul TURKEY

May 2002 – Mar 2003 & Feb 2005–May 2005: Research Scientist
National Space Science Technology Center, Huntsville, USA

Aug 1997 – May 2002: Graduate Research Assistant
NASA Marshall Space Flight Center, Huntsville, USA

AWARDS

TÜBİTAK Young Scientist Encouragement Award (2008)

Turkish Academy of Sciences, Successful Young Scientists Award (TÜBA-GEBİP 2004)

TEACHING EXPERIENCE

Spring 2008: Instructor, NS209 Beyond the Milky Way, Sabancı University, Istanbul

Fall 2005, Fall 2006, Fall 2007, Fall 2008: Instructor, NS206 Inside the Milky Way, Sabancı University, Istanbul

Fall 2003, Fall 2004, Fall 2005, Fall 2007, Spring 2008, Fall 2008: Course Coordinator, NS101 Science of Nature-I, Sabancı University, Istanbul

Summer 2005: Instructor, NS206 What is there in the Universe? Sabancı University, Istanbul

Spring 2004, Fall 2004, Fall 2005, Fall 2007, Spring 2008, Fall 2008: Instructor, Proj102 Developing Science Demonstrations, Sabancı University, Istanbul

Sep 1994 – Aug 1997: Graduate Teaching Assistant
Middle East Technical University, Physics Department, Ankara

LIST OF REFEREED PUBLICATIONS

Güver, T.; Özel, F.; **Göğüş, E.** (2008) Physical Properties of the AXP 4U 0142+61 from X-Ray Spectral Analysis. *Astrophysical Journal*, **675**, 1499

Yost, S. A.; Aharonian, F.; Akerlof, C. W.; Ashley, M. C. B.; Barthelmy, S.; Gehrels, N.; Göğüş, E. et al. (2007) The Dark Side of ROTSE-III Prompt GRB Observations. *Astrophysical Journal*, **669**, 1107

Ruiz-Velasco, A. E.; Swan, H.; Troja, E.; Malesani, D.; Fynbo, J. P. U.; Starling, R. L. C.; Xu, D.; Aharonian, F.; Akerlof, C.; Andersen, M. I.; Ashley, M. C. B.; Barthelmy, S. D.; Bersier, D.; Castro Cerón, J. M.; Castro-Tirado, A. J.; Gehrels, N.; **Göğüş, E.** et al. (2007) Detection of GRB 060927 at $z = 5.47$: Implications for the Use of Gamma-Ray Bursts as Probes of the End of the Dark Ages. *Astrophysical Journal*, **669**, 1

Güver, T.; Özel, F.; **Göğüş, E.**; Kouveliotou, C. (2007) The Magnetar Nature and the Outburst Mechanism of a Transient Anomalous X-Ray Pulsar. *Astrophysical Journal*, **667**, L73

Göğüş, E., Alpar, M. A.; Gilfanov, M. (2007) Is the Lack of Pulsations in Low-Mass X-Ray Binaries due to Comptonizing Coronae? *Astrophysical Journal*, **659**, 580

- Patel, S. K.; Zurita, J.; Del Santo, M.; Finger, M.; Kouveliotou, C.; Eichler, D.; **Göğüş, E.** et al. (2007) A Possible Magnetar Nature for IGR J16358-4726. *Astrophysical Journal*, **657**, 994
- Yost, S. A.; Swan, H. F.; Rykoff, E. S.; Aharonian, F.; Akerlof, C. W.; Alday, A.; Ashley, M. C. B.; Barthelmy, S.; Burrows, D.; Depoy, D. L.; Dufour, R. J.; Eastman, J. D.; Forgey, R. D.; Gehrels, N.; **Göğüş, E.** et al. (2007) Exploring Broadband GRB Behavior during γ -Ray Emission. *Astrophysical Journal*, **657**, 925
- Woods, P. M., Kouveliotou, C., Finger, M.H., Göğüş, E., Wilson, C. A.; Patel, S. K.; Hurley, K.; Swank, J. H. (2007) Persistent and Pulsed X-ray Properties of SGR 1806-20 from 1993 to 2005. *Astrophysical Journal*, **654**, 470
- Ertan, Ü., **Göğüş, E.**, Alpar, M.A. (2006) X-ray and Infrared Enhancement of 1E 2259+58. *Astrophysical Journal*, **640**, 435
- Quimby, R. M., Rykoff, E. S., Yost, S. A., Aharonian, F., Akerlof, C.W., Alatalo, K., Ashley, M.C.B., **Göğüş, E.**, Guver, T., Horns, D., Kehoe, R.L., Kiziloglu, U., McKay, T., Ozel, M., Phillips, A., Schaefer, B., Smith, D.A., Swan, H., Vestrand, W.T., Wheeler, J.C., Wren, J. (2005) Early-Time Observations of the GRB 050319 Optical Transient. *Astrophysical Journal*, **640**, 402.
- Gotz, D., Mereghetti, S., Molkov, S., Hurley, K., Mirabel, F.I., Sunyaev, R., Weidenspointner, G., Brandt, S., Del Santo, M., Feroci, M., **Göğüş, E.**, von Kienlin, A., van der Klis, M. Kouveliotou, C., Lund, N. Pizzichini, G., Ubertini, P. Winkler, C. Woods, P.M. (2006) Two years of INTEGRAL monitoring of the Soft Gamma-Ray Repeater SGR 1806-20: from quiescence to frenzy. *Astronomy and Astrophysics*, **445**, 313.
- Yost, S. A., Alatalo, K., Rykoff, E.S., Aharonian, F., Akerlof, C.W., Ashley, M.C.B., Blake, C.H., Bloom, J.S., Boettcher, M., Falco, E.E., **Göğüş, E.**, Guver, T., Halpern, J.P., Horns, D., Kehoe, R.L., Kiziloglu, U., McKay, T., Ozel, M., Phillips, A., Schaefer, B., Smith, D.A., Swan, H., Vestrand, W.T., Wheeler, J.C., Wren, J. (2005) Optical Lightcurve & Cooling Break of GRB 050502A. *Astrophysical Journal*. **636**, 959
- Göğüş, E.**, Patel, S. K., Wilson, C.A., Woods, P. M., Finger, M.H., Kouveliotou, C. (2005) Chandra Localization of XTE 1906+090 and Discovery of its Optical and Infrared Counterparts. *Astrophysical Journal*, **632**, 1069
- Rykoff, E. S., Yost, S. A., Krimm, H. A., Aharonian, F., Akerlof, C. W., Alatalo, K., Ashley, M. C. B., Barthelmy, S. D., Gehrels, N., Göğüş, E., Güver, T., Horns, D., Kiziloglu, Ü., McKay, T. A., Özel, M., Phillips, A., Quimby, R. M., Rujopakarn, W., Schaefer, B. E., Smith, D. A., Swan, H. F., Vestrand, W. T., Wheeler, J. C., Wren, J. (2005) Prompt Optical Detection of GRB 050401 with ROTSE-IIIa. *Astrophysical Journal*, **631**, L121

Gögüş, E., Finger, M.H., Kouveliotou, C., Woods, P. M., Patel, S. K., Rupen, M., Swank, J, Markwardt, C.B., van der Klis, M. (2004) Long-term Spectral and Timing Behavior of Black Hole Candidate XTE J1908+094. *Astrophysical Journal*, **609**, 977-987.

Mescheryakov, A. V., Khamitov, I. M., Revnivtsev, M. G., Burenin, R. A., Gilfanov, M. R., Pavlinsky, N. N., Sunyaev, R. A., Aslan, Z., **Gögüş, E.** (2004) Optical and X-ray Observations of Thermonuclear Bursts from GS 1826-24 during September-October 2003. *Astronomy Letters*, **30**, 751.

Kouveliotou, C., Eichler, D., Woods, P.M., Lyubarsky, Y., Patel, S. K., **Gögüş, E.**, van der Klis, M., Tennant, A. F., Wachter, S. (2003) Unraveling the Cooling Trend of SGR 1627 – 41. *Astrophysical Journal*, **596**, L79-L82

Woods, P.M., Kouveliotou, C., **Gögüş, E.**, Finger, M.H., Feroci, M., Mereghetti, S., Swank, J., Hurley, K., Heise, J., Smith, D., Frontera, F., Guidorzi, C., Thompson, C. (2003) The 2001 April Burst Activation of SGR 1900+14: Pulse Properties and Torque. *Astrophysical Journal*, **596**, 464-469

Patel, S. K. Kouveliotou, C. Woods, P. M. Tennant, A. F. Weisskopf, M. C. Finger, M. H., Wilson, C.A., **Gögüş, E.**, van der Klis, M., Belloni, T. (2003) Chandra Observations of 4U 0142+61. *Astrophysical Journal*, **587**, 367-372

Lenters, G., Woods, P.M., Goupell, J., Kouveliotou, C., **Gögüş, E.**, Hurley, K., Frederiks, D., Golenetskii, S., Swank, J. (2003) An Extended Burst Tail from SGR 1900+14 with a Thermal X-ray Spectrum. *Astrophysical Journal*, **587**, 761-770

Gögüş, E., Kouveliotou, C., Woods, P. M., Finger, M.H., van der Klis, M. (2002) A Comprehensive Study of Pulse Profile Evolution in SGR 1806-20 and SGR 1900+14 with the RXTE/PCA. *Astrophysical Journal*, **577**, 929-939

Woods, P.M., Kouveliotou, C., **Gögüş, E.**, Finger, M.H., Swank, J., Markwardt, C.B., Hurley, K., van der Klis, M. (2002) Large Torque Variations in Two Soft Gamma Repeaters. *Astrophysical Journal*, **576**, 381-390

Wilson, C. A. Finger, M. H., **Gögüş, E.** Woods, P. M. Kouveliotou, C. (2002) Serendipitous Detections of XTE J1906+09 with RXTE. *Astrophysical Journal*, **565**, 1150-1160

Patel, S. K. Kouveliotou, C. Woods, P. M. Tennant, A. F., Weisskopf, M. C., Finger, M. H., **Gögüş, E.**, van der Klis, M., Belloni, T. (2001) Chandra Observations of 1E 2259+586. *Astrophysical Journal*, **563**, L45-L48

Göğüş, E., Kouveliotou, C., Woods, P. M., Thompson, C., Duncan, R. C., Briggs, M. S. (2001) Temporal and Spectral Characteristics of Short Bursts from the Soft Gamma Repeaters 1806-20. *Astrophysical Journal*, **558**, 228-236

Kouveliotou, C., Tennant, A., Woods, P. M., Weisskopf, M. C., Hurley, K., Fender, R. P., Garrington, S. T., Patel, S. K., **Göğüş, E.** (2001) Multi-wavelength Observations of SGR 1900+14. *Astrophysical Journal*, **558**, L47-L50

Woods, P. M., Kouveliotou, C., **Göğüş, E.**, Finger, M.H., Swank, J., Smith, D. A., Hurley, K., Thompson, C. (2001) Evidence for a Sudden Magnetic Field Reconfiguration in SGR 1900+14. *Astrophysical Journal*, **552**, 748-755

Woods, P. M., Kouveliotou, C., Finger, M.H., **Göğüş, E.**, Scott, D.M., Dieters, S., Thompson, C., Duncan, R.C., Hurley, K., Strohmayer, T., Swank, J., Murakami, T. (2000) Timing Noise in SGR 1806-20. *Astrophysical Journal*, **535**, L55-L58

Göğüş, E., Woods, P. M., Kouveliotou, C., van Paradijs, J., Briggs, M. S., Duncan, R. C., Thompson, C. (2000) Statistical Properties of SGR 1806-20 Bursts. *Astrophysical Journal*, **532**, L121-L124

Woods, P. M., Kouveliotou, C., van Paradijs, J., Briggs, M. S., Hurley, K., **Göğüş, E.**, Preece, R. D., Giblin, T. W., Thompson, C., Duncan, R.C. (1999) Hard Burst Emission from the Soft Gamma Repeater SGR 1900+14. *Astrophysical Journal*, **527**, L47-L50

Göğüş, E., Woods, P. M.; Kouveliotou, C., van Paradijs, J., Briggs, M. S., Duncan, R. C., Thompson, C. (1999) Statistical Properties of SGR 1900+14 Bursts. *Astrophysical Journal*, **526**, L93-L96

Kızıloğlu, Ü., Baykal, A., Alev, M., **Göğüş, E.** (1998) The Spectrum and Dips of RE 0751+14: A Joint Evaluation of ROSAT and ASCA Archival Data, *Astrophysics & Space Science*, **259**, 191

PROJECTS & GRANTS

TÜBİTAK Career Development Research Grant, 'Broadband Timing Investigations of Highly Magnetized Neutron Stars', May 2006 – May 2009, Principle Investigator

EC FP6 Transfer of Knowledge Project, 'Astrophysics of Neutron Stars', December 2006 – December 2010, Co-investigator

TÜBİTAK Science and Society Activity Grant, 'Astronomy in Science Education', September 2008 – September 2009, Principle Investigator

SCIENTIFIC INVESTIGATIONS

2005 – present: Principle Investigator
RXTE AO11, AO12 Proposals, “ToO Observations of SGRs”

2005 – present: Principle Investigator
TUG ROTSE Proposal, “Monitoring CVs with ROTSE IIIId”

2006 – 2007: Principle Investigator
XMM-Newton AO6 Proposal, “XMM-Newton Observations of U Gem in Outburst”

2004 – present: Co – Investigator
RXTE AO11 Proposal, “Observations of XTE J1810 – 197”

2003 – present: Co – Investigator
Chandra AO4, AO5, AO6, AO7, AO8, AO9 Proposals, “Chandra Observations of SGRs”

2003 – present: Principle Investigator
TUG RTT150 Proposal, “Observations of X-ray Sources with RTT150”

1999 – present: Co – Investigator
RXTE AO4, AO5, AO6, AO7, AO8, AO9, AO10, AO11, AO12 Proposals, “Monitoring Spin Properties of SGRs with RXTE”

2003 – 2004: Co – Investigator
XMM-NewtonAO2 Proposal, “XMM-Newton Observations of Magnetar Candidates”

2001 – 2004: Co – Investigator
Chandra AO2, AO3 Proposals, “Cooling Trend in SGR 1627 – 41”

2000 – 2001: Co – Investigator
Chandra AO1 Proposal, “Chandra Observations of AXPs”

International Astronomical Union Circulars, Astronomer’s Telegrams & Gamma Ray Burst Coordinates Network Circulars:

Lead author or co-author of 53 Gamma Ray Burst Coordinates Network Circulars

Lead author or co-author of 9 Astronomer’s Telegrams

Co-author of 1 International Astronomical Union Circular

EDUCATION AND PUBLIC OUTREACH

Principle Organizer, "**Astromony in Science Education**" – A series of workshops for school teachers on how to implement astronomy into science curriculum – September 2008 – September 2009

Co-organizer, "**2009 International Year of Astronomy Activities in Turkey**"

Co-organizer, "**Science Everywhere**" – A workshop for school teachers on science education with in-class activities – 2 June 2007 and 6 April 2008

Principle Organizer, "**Agenda: Astronomy and Space in Education**" – A workshop for school teachers on the basic concepts in astronomy – 19 November 2005.

Co-Editor, "**Gamma Ray Bursts**", TÜBİTAK, Bilim-Teknik – Yeni Ufuklara, January 2005 issue.