

List of Publications

Dr. Tolga Dinger

Peer-Reviewed Papers

11. E. Gallo, R. Teague, R. M. Plotkin, J. C. A. Miller-Jones, D. M. Russell, **T. Dinger**, C. Bailyn, T. J. Maccarone, S. Markoff, R. P. Fender, “ALMA Observations of A0620–00: Fresh Clues on The Nature of Quiescent Black Hole X-ray Binary Jets”, 2019, MNRAS, 488, 191
10. A. W. Shaw, B. E. Tetarenko, G. Dubus, **T. Dinger**, J. A. Tomsick, P. Gandhi, R. M. Plotkin, D. M. Russell, “The Curious Case of Swift J1753.5-0127: A Black Hole Low-mass X-ray Binary Analogue to Z Cam Type Dwarf Novae”, 2019, MNRAS, 482, 1840
9. M. Diaz Trigo, D. Altamirano, **T. Dinger**, J. C. A. Miller-Jones, D. M. Russell, A. Sanna, C. Bailyn, F. Lewis, S. Migliari, F. Rahoui, “The Evolving Jet Spectrum of The Neutron Star X-ray Binary Aql X-1 in Transitional States During Its 2016 Outburst”, 2018, A&A, 616, 23.
8. **T. Dinger**, C. D. Bailyn, J. C. A. Miller-Jones, M. M. Buxton, R. K. D. MacDonald, “Multiwavelength Observations of The Black Hole X-ray Binary A0620-00 in Quiescence”, 2018, ApJ, 852, 4.
7. E. Kalemci, M. C. Begelman, T. J. Maccarone, **T. Dinger**, T. D. Russell, C. Bailyn, J. A. Tomsick, “Wind, jet, hybrid corona and hard X-ray flares: Multiwavelength evolution of GRO J1655-40 during the 2005 outburst rise”, 2016, MNRAS, 463, 615.
6. **T. Dinger**, E. Kalemci, J. A. Tomsick, M. M. Buxton, C. Bailyn, “Complete Multiwavelength Evolution Of Galactic Black Hole Transients During Outburst Decay II: Compact Jets And X-ray Variability Properties”, 2014, ApJ, 795, 74.
5. E. Kalemci, M. Özbey Arabacı, T. Güver, D. M. Russell, J. A. Tomsick, J. Wilms, G. Weidenspointner, E. Kuulkers, M. Falanga, **T. Dinger**, S. Drave, T. Belloni, M. Coriat, F. Lewis, Munoz-Darias, “Multiwavelength Observations Of The Black Hole Transient Swift J1745-26”, 2014, MNRAS, 445, 1288.
4. E. Kalemci, **T. Dinger**, J. A. Tomsick, M. M. Buxton, C. D. Bailyn, Y. Y. Chun, “Complete Multiwavelength Evolution Of Galactic Black Hole Transients During Outburst Decay I: Conditions For Compact Jet Formation”, 2013, ApJ, 779, 95.
3. Y.Y. Chun, **T. Dinger**, E. Kalemci, T. Güver, J.A. Tomsick, M.M. Buxton, C. Brocksopp, S. A. Cabrera-Lavers, “Multiwavelength Observation Of The Black Hole Transient XTE J1752-223 During Its 2010 Outburst Decay”, 2013, ApJ, 770, 10.
2. **T. Dinger**, E. Kalemci, M.M. Buxton, C.D. Bailyn, J.A. Tomsick, S. Corbel, “X-ray, Optical And Infrared Observations of GX 339-4 During Its 2011 Decay”, 2012, ApJ, 753, 55.
1. M.M. Buxton, C.D. Bailyn, H.L. Capelo, R. Chatterjee, **T. Dinger**, E. Kalemci, J.A. Tomsick, “Optical And Near Infrared Monitoring of The Black Hole X-ray Binary GX 339-4 During 2002-2010”, 2012, AJ, 143, 130.

Paper in Progress

- **T. Dinger**, E. Kalemci, C. D. Bailyn et al., “Multiwavelength Observations of The Black Hole X-ray Transient MAXI J1820+070”

Conference Proceedings

6. L. Paredes, H. Todd, D. Nusdeo, J. Winters, **T. Dinger**, “K-KIDS: K Dwarfs and Their Companions. First Results from Radial Velocity Survey with CHIRON Spectrograph”, 2018, AAS Meeting #231, ID 157.09.
5. E. Kalemci, J. A. Tomsick, C. D. Bailyn, **T. Dinger**, “Multi-wavelength coverage of outburst decays of LMXBs”, 2016, 41st COSPAR Scientific Assembly, abstracts from the meeting that was to be held 30 July - 7 August at the Istanbul Congress Center (ICC), Turkey, but was cancelled.

4. E. Kalemci, **T. Dinger**, Y.Y. Chun, J.A. Tomsick, M.M. Buxton, “Complete Multiwavelength Evolution of Black Hole Transients During Outburst Decay: Conditions for Jet Formation”, 2012, in Half a Century of X-rays Astronomy, Proceedings of the conference in Mykonos Island Greece.
3. E. Kalemci, Y.Y. Chun, **T. Dinger**, M.M. Buxton, J.A. Tomsick, S. Corbel, P. Kaaret, “Connections Between Jet Formation and Multiwavelength Spectral Evolution in Black Hole Transients”, 2011, in IAU Symp. Ser. 275. Jets at All Scales., eds. G. Romero, R. Sunyaev, T. Belloni, (Cambridge Univ. Press, Cambridge), p299
2. **T. Dinger**, M. Gilfanov, E. Kalemci, “Reflection in Neutron Star and Black Hole Binaries”, E. Göğüş and T. Belloni and Ü. Ertan, (eds.), Astrophysics of Neutron Stars 2010: A Conference in Honor of M. Ali Alpar, Melville, New York: American Institute of Physics, September 2011, p226-227
1. **T. Dinger**, E. Kalemci, J.A. Tomsick, M.M. Buxton, “Low/hard state at the lowest luminosities”, 2008, in Proceedings of the VII Microquasar Workshop: Microquasars and Beyond, ed. E. Kalemci, (Turkey: Foca, Izmir), 61, <http://pos.sissa.it/cgi-bin/reader/conf.cgi?confid=62>

Astronomer’s Telegrams

9. J. A. Garcia, F. Harrison, J. A. Tomsick et al. (including **T. Dinger** and 12 others), “NuSTAR Observation of GX 339-4 in the early stages of its 2017 outburst”, 2017, ATEL, 10825
8. **T. Dinger**, “The near-infrared counterpart of X-ray transient MAXI J1535-571”, 2017, ATEL, 10716
7. **T. Dinger**, C. D. Bailyn, B. Cruz, “Outburst behavior in Aql X-1”, 2017, ATEL, 10450
6. **T. Dinger**, C. D. Bailyn, B. Cruz, “SMARTS observations of Swift J1357.2-0933”, 2017, ATEL, 10329
5. J. A. Tomsick, A. Shaw, P. Gandhi, F. Rahoui, **T. Dinger**, “Increasing X-ray/UV flux from Swift J1753.5-0127”, 2017, ATEL, 10114
4. E. MacPherson, J. C. Isler, M. Urry, P. Coppi, C. Bailyn, **T. Dinger**, “SMARTS enhanced optical & infrared activity in blazar OJ 287”, 2015, ATEL, 8382
3. T. Güver, T. Ak, H. Urgup, S. Bilir, M. Kocak, E. Kalemci, E. Gogus, **T. Dinger**, H. Kirbiyik, “Optical observations of MAXI J1957+032”, 2015, ATEL, 8149
2. **T. Dinger**, C. D. Bailyn, E. MacPherson, E. Kalemci, “SMARTS optical re-brightening of GX 339-4”, 2015, ATEL, 7977
1. M. M. Buxton, **T. Dinger**, E. Kalemci, J. A. Tomsick, “IR brightening and possible appearance of the compact jet in XTE J1752-223 in the hard state”, 2010, ATEL, 2549

Talks

- “Conditions for the formation of jets in Galactic black hole X-ray binaries”, Yale University, Astronomy Department, New Haven, CT (USA), 2016
- “X-ray, optical and infrared observations of GX 339-4 during its 2011 decay”, Black Hole Universe Conference, Bamberg (Germany), 18-22 June 2012
- “Reflection in Neutron Star and Black Hole X-ray Binaries”, Astrophysics of Neutron Stars Conference, Istanbul (Turkey), September 2011

Poster Presentations

- **T. Dinger**, E. Kalemci, M.M. Buxton, C.D. Bailyn, J.A. Tomsick, S. Corbel, “X-ray, Optical And Infrared Observations of GX 339-4 During Its 2011 Decay”, Black Holes By The Black Sea Conference, 2012, Koç University
- **T. Dinger**, M. Gilfanov, E. Kalemci, “Reflection in Neutron Star and Black Hole Binaries”, A Conference In Honor Of M. Ali Alpar, 2011, Sabancı University

Journal abbreviations used

ApJ | *The Astrophysical Journal*

MNRAS | *Monthly Notices of the Royal Astronomical Society*

A&A | *Astronomy & Astrophysics*

AJ | *The Astronomical Journal*